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OPENING **NEW HORIZONS!**

Winhitech Co., Ltd. is maximizing customer's values through various Deckplate System and as an axis of new development with 'comprehensive developer', is opening new horizon in ecological system in construction market and industry.



WINHITECH **BUILDING STRONG FUTURES**



BUILDING STRONG FUTURES

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Create a new framework for the building material industry.

WINHITECK is a medium-sized steel company with 40 years of experience that was established in 2011 by dividing its steel construction division of WINSTIL, specializing in deck plates that show its growth potential and profitability.Deck plates are used to form steel frames and concrete structures when constructing metal built-up structure materials as substitutes for plywood molds. As a new paradigm in the building material market, there are advantages such as standardization of quality, safety improvement, shortening of construction period, and cost reduction. WINHITECK offers creative value through a variety of differentiated deck plates, laying the foundation for continued growth.

Innovate the building material market.

WINHITECH is a dynamic company that has led the market through innovation and product development with nonstop challenges and passion. In line with the government's policy toward long-lived housing, we developed VOIDDECK, the world's first combining deck plates with light voiding materials, which is a stateof-the-art hollow slab system designated by the Ministry of Land, Infrastructure and Transport as new technology of construction [No. 778]. The construction of the building with VOIDDECK, which has been recognized for its technical expertise in the deckplate industry for its unique certification of floor impact sound insulation, provides a dramatic improvement in space utilization and variability by allowing the construction of columns and beams to be omitted while retaining sufficient durability. And it is evaluated as an eco-friendly innovation product with competitive edge such as reduction of interlayer noise as well as reduction of floor space, self-concentration, construction period, and construction cost. It will continue to innovate in order to expand the market and drive new markets via EXTRA DECK which is a comprehensive range of excellent products, WINHL_BEAM that is Non-Dismantle Beam Form which will be a momentum of growth, and Demolding NOVA DECK and so on.

We will lead the construction material industry trend and expand it as a comprehensive developer to form the foundation of a 100 year enterprise.

NHITECH continues to develop new and advanced products and open new d as a "VALUE CREATOR" in the building material industry, now expanding to nprehensive developer" to become an axis of new growth, creating synergy our own business and moving further. We also do our best to maximize our mers and shareholder value, look around and share with everyone and build ire through coexistence with various stakeholders.

We will continue to develop major competencies in the construction of new cities of the world while dreaming of 100 years of enterprise, so as to be a company that increases the urban environment and the quality of life, and gives hope and

All employees of WinHitech Co., Ltd.



2019

Extended the second factory

WINHI_BEAM New Construction of Production Equipment Received certificate on VPS floor impact sound insulation 2018 structure performance Mergers and acquisitions with WINHITECH Co., Ltd. and G & Win, Received award from the Minister of Land, Infrastructure and Transport on new construction technology Received Excellent Product Certificate on NOVA DECK 2017 NOVA DECK New Construction of Production Equipment Certification for Small Giant Business (minister of employment and la Obtained comprehensive construction industry license Start construction 2nd plant in Eumseong Obtain Japan Construction Center rating report Obtained Certificate of Fire-resisting structure: VOIDEDECK 2016 Obtained NOVA DECK (De-molding Deck) Patent Certification of K-Mark :NOVA DECK WINHI_BEAM New Construction of Production 3 Million-dollar- winner of the Export Tower VOIDDECK Designation of Construction New Technology (No. 778 2015 A prize for merit for activating venture from Ministry of Science, ICT and Future Planning Industry, Commerce, and Energy Minist Award for Innovation in Small and Medium Businesses Selected as Chungbuk Quality Management best Company A Million-dollar- winner of the Export Tower / 2014 Selected as Choongbuk first-Class Venture company Industry, Commerce, and Energy Minister Award for innovation in Korea Small and Medium Businesses KOSDAQ market listing Certificate Carbon emission for the first DECK PLATE(EXTRA DECK 2013 Awarded Best Small Businessman for Public Purchasing Certificate floor impactsound block structure (VOIDDECK/from KICT Certification of Best Products (2012.4.20~2017.4.19) 2012 Selected as a Tech innovative small & Medium business (INNOBIZ Certification of K-Mark : EXTRA DECK PLATE

Selected as a Venture company

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Obtained Certificate of Fire-resisting structure : ACE DECK PLATE Co.,Ltd.

WINSTEEL Building business → Co., Ltd WINHITECH deviding

Deck Plate for Fire-resisting structure Facilities Extension in Eumseong Plant

Win Award for Quality Improvement of Procurement Goods (Chief of Public Procurement Service)

TOX DECK Contract for Purchase of Procurement Goods

Certification of Best Products for TOX DECK (Public Procurement Service 2008.4.30~2012.4.29)

Obtain certification of performance for TOX DECK (Small and Medium Business Administration)

Obtain TOX DECK patents

Construct Plant in Eumseong (Deck-exclusive plant)

Develop Un-welded steel wire integrated DREAM DECK

Awarded Minister of Commerce, Industry and Energy Award on Commercial and Industries' day

Awarded Minister of Finance and Economy Award on Taxation Day

Change company name to Corp., Ltd. WINSTEEL

Developing ACE DECK for Fire-resisting structure (Codevelop with Pohang Institute of Industry)

Developing ALPHA DECK for Fire-resisting structure (Codevelop with Korea Steel Structural Association) New facility for DECK PLATE at Pohang Plant

Completion of the Steel Service Center for Pohang Plant

Established Dong-Myung Steel trading company (Present WINSTEEL Co., Ltd)

EXTRA DECK





Туре	EXR1007	EXR1008	EXR1010	EXR1207	EXR1208	EXR1210	EXR1308	EXR1310	EXR1313	EXR1410	EXR1412
Top reinforcement	1-HD10	1-HD10	1-HD10	1-HD12	1-HD12	1-HD12	1-HD13	1-HD13	1-HD13	1-HD14	1-HD14
Lower reinforcement	2-HD7	2-HD8	2-HD10	2-HD7	2-HD8	2-HD10	2-HD8	2-HD10	2-HD13	2-HD10	2-HD12
Lattice	5, 6	5, 6	5, 6	5, 6	5, 6	5, 6	5, 6	5, 6	5, 6	5, 6	5, 6

- * Strengthening the stability of construction (strengthening the weld strength of steel plates, preventing removal of steel plates)
- * Improved construction performance (lattice footrest length stroke)
- * Improved durability of steel plates (non-exposure of welds)
- * Watertight performance Improvement / EPDM (optional)
- * Steel Plate : KSD 350 continuous galvanized iron 0.5mm
- * Wire lattice : KSD 3552 Wire
- * Standard : 600 X 1,500~8,000mm (Width X Length)
- * Hight(日):90~270mm (slab TK:120~300mm)



NOVA DECK [De-molding Deck]





Туре	NOVA1007	NOVA1008	NOVA1010	NOVA1207	NOVA1208	NOVA1210	NOVA1308	NOVA1310	NOVA1313	NOVA1410	NOVA1412
Top reinforcement	1-HD10	1-HD10	1-HD10	1-HD12	1-HD12	1-HD12	1-HD13	1-HD13	1-HD13	1-HD14	1-HD14
Lower reinforcement	2-HD7	2-HD8	2-HD10	2-HD7	2-HD8	2-HD10	2-HD8	2-HD10	2-HD13	2-HD10	2-HD12
Lattice	5, 6	5, 6	5, 6	5, 6	5, 6	5, 6	5, 6	5, 6	5, 6	5, 6	5, 6

- * Easy to check water leaks
- (easy to remove steel plates due to bolt disassembly)
- * No steel plate flexion (slab surface flat after steel plate disassembly)
- * Excellent construction performance (easy to engage deck connections)
- * easy to inspect quality (No weld defect due to non-welding)
- * Steel Plate : KSD 3506 continuous galvanized iron 0.5mm
- * Wire, Lattice : KSD 3552 wire
- * Spacer : Synthetic resine H20. 30
- * Bolt : Galvanizing zincing M6X16
- * Standard: 600x1.500~8.000mm(Width X Length)
- * Hight(H):90~270mm(slab TK:120~300mm)





COLOR DECK [Powder Coating]



Туре	COL1007	COL1008	COL1010	COL1207	COL1208	COL1210	COL1308	COL1310	COL1313	COL1410	COL1412
Top reinforcement	1-HD10	1-HD10	1-HD10	1-HD12	1-HD12	1-HD12	1-HD13	1-HD13	1-HD13	1-HD14	1-HD14
Lower reinforcement	2-HD7	2-HD8	2-HD10	2-HD7	2-HD8	2-HD10	2-HD8	2-HD10	2-HD13	2-HD10	2-HD12
Lattice	5, 6	5, 6	5, 6	5, 6	5, 6	5, 6	5, 6	5, 6	5, 6	5, 6	5, 6

- * Improved durability (Powder coating on galvanizing zincing steel plate)
- * Improving construction performance (no more coating required on site)
- * quality improvement (uniform quality assurance with factory powder coating)
- * Watertight Performance Enhancement EPDM (optional)

* Steel Plate : KSD 3506 continuous galvanized iron 0.5mm

- * Wire, Lattice: KSD 3552 Wire
- * Standard : 600 x1,500~8,000mm (Width x Length)
- * Hight(日) : 90~270mm(slab TK:120~300mm)



Comparison Table of Construction Method

Classification	Component Materials	Cons
Extra Deck (Un-welded steel wire integrated)	 * Plant Production - KSD 3506 galvanized steel - KSD 3552 wire * Plant Production - KSD 3552 wire (Link rebar, distributing rebar, reinforcing rebar) 	1 Construc or Beam 2 Construc 3 Construc 4 Electrical 5 Distribut 6 Construc
Nova Deck (Un-welded steel wire integrated de-molded)	Ditto - Spacer, Volt	1~6 Ditto 7 Remove (if require
Color Deck [Un-welded steel wire integrated Powder coating]	Ditto - galvanized sheet iron powder coating	1~6 Ditto
Ace Deck Alpha Deck (for Fire-resisting structure)	 * Plant Production - KSD 3506 galvanized steel * Field assembly - KSD 7552 welding wire mesh 	1 Construct 2 Construct 3 Construct 4 Electrical 5 welded w 6 Construct
Form Deck (for Beam)	 *Plant Production KSD 3506 galvanized steel *Field assembly KSD 3504 rebar (Top/Lower reinforcement, distributing rebar) 	1 Construct 2 Construct 3 Construct 4 Electrical 5 welded w 6 Construct
Mold Method	 Field assembly Scaffold, Yoke, underflooring & mold KSD 3504 rebar & filler block Field diassembly Scaffolf & Mold 	 Construct underfloo Construct Distribute Electrical Construct

struction Order	Caracteristic
t Steel frame Form t Deck t Stud, Con'c St (S team) l installation piping e rebar on site t Con'c Casting	 * Non-supporting burying construction No disassembling scaffold & mold * Superior quality Simple assembly factory products in the field * Economic feasibility (compare for mold) Reduction 30% of air and 10% of construction expenses
galvanized steel ed)	* Easy Slab Maintenance – easily check and repair water leaks – easily check and repair cracks
	 Reinforcement of Internal Performance of Steel Plate Excellent internal storage performance A variety collar
t Steel Frame t Deck t Stud, Con'c St. l installation piping vire mesh arrangement t Con'c Casting	 Non-supporting burying construction No disassembling and constructing scaffold & mold Excellent safety 2span continuous construction Excellent durability (weldless) Suitable for semiconductor plants
t Steel Frame t Deck t Stud, Con'c St. l installation piping vire mesh arrangement t Con'c Casting	 Non-supporting burying construction No disassembling and constructing scaffold & mold Excellent safety 2span continuous construction Fireproof sheath required Slab thickness within 100mm
t Scaffold, Yoke, oring t slab mold e rebar l installation piping t Con'c Casting	 * Low safety and noise dust generation - Construct and disassemble scaffold mold * Quality reduction - Distribute rebar on site * Suitable for unstructured slabs



WINHI_BEAM

♦ Five Excellences of WINHI_BEAM

WINHI_BEAM has five outstanding qualities: A Economy A Workability A Quality A Safety A Eco Design. With WINHI_BEAM, it is easy to manage the site by drastically reducing the site manpower, reducing the safety management cost, eliminating the processof disassembly the beam mold, and minimizing temporary resourses, and reducing the amount of absolute waste, noise, anddust generation through custom mold preemptive operations, as well as reducing the amount of waste, dust generation at the factory, which enables strict quality control to ensure excellent construction quality.

New Paradigm of Beam Form: Non-Dismantle Beam Form

- 1. The WINHI_BEAM serves as beam form for concrete castings and is Non-Dismantle Beam Form that is manufactured preciselyat the automation process facility of the WINHITECH and does not need to be removed the mold permanently after installation.
- 2. After pre-producing 1.0T galvanized steel sheet by the factory with a foaming line which has temporary resources performance and ready to be installed in the field through the assembly processing process.





1.0T galvanized plate(7.85kg/m²)

Sales Production Assembly Processing

Shape of WINHI BEAM





♦ Shortening construction period & improving site environment compared to the existing construction methods

Minimizing on-site mold fabrication and production space reduces on-site personnel and material input, and non-disintegrated mold can improve construction time and on-site environment.

WINHI BEAM Link Part









WINHI BEAM construction order on site





01 Lifting materials









VOIDDECK

♦ Six Excellences of VOIDDECK

VOIDDECK has six outstanding qualities: A Economy A Workability A Quality A Safety A Eco Design A Useability. The VOIDDECK allows for free planning with great spatial variability, and provides additional total floor area for buildings by reduction of floor height. It also reduces noise and vibration, and modularizes the mold to maximize workability.





♦ Expecting construction convenience and shorter construction period compared to existing construction methods

The construction was improved by preventing buoyancy and subsidence of voiding materials with simple work on the upper slab and applying deck plates instead of plywood molds, getting the effect of reducing the construction period due to unnecessariness of disassembling mold.

VOIDDECK 2 Constructing Order









VOIDDECK 2 WAY

TYPE	Slab Thickness	Length	Width	Height	Hollow Percent[%]	Right Span [m]	TYPE	Slab Thickness	Length	Width	Height	Hollow Percent[%]	Right Span [m]									
VD2-250	250			100	20%	9.0	VD1-250	250			148	25%	5.3									
VD2-280	280			130	20%	10.0	VD1-300	300			198	31%	6.3									
VD2-300	300			150	20%	10.8	VD1-350	350			248	35%	7.4									
VD2-350	350			200	25%	12.6	VD1=400	400	-		200	20%	Q /									
VD2-400	400	1100	420	250	30%	14.4	VD1 400	400	1000	420	290	5070	0.4									
VD2-450	450				300	32%	16.2	VD1-450	450			348	41%	9.5								
		-														32.70 10.2		VD1-500	500	1		398
VD2-500	500			350	34%	18.0																
VD2-550	550			400	36%	19.8	VD1-550	550		448	44%	11.6										
VD2-600	600			150	37%	21.6	VD1-600	600			498	46%	12.6									

% Live Load 4.0kN/m²

VOIDDECK 1 WAY

* Live Load 4.0kN/m²



VOID PLYWOOD SLAB

VPS (Void Plywood Slab) Development background

The void slab method, which is maintained in the same structural performance as the existing VOIDDECK method, is applicable to the general form (slat, egg-shaped) except T type deck plate.



-VOIDDECK Method (New Construction Technology No.778) -Use deck plate instead of form

A method of securing the void material to the form in the same way as the existing method.

Pipe support fixture

· Work after installation

Prevent subsidence caused by heavy workload.

♦ VPS Configuration

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1 Lightweight Void Material · Void Part Formation

in Slab

2 Fixed pipes

work load

· Fixed the Void Material Position • Engage the upper pipe with the void material. · Prevent subsidence due to

4 Stud Anchor & Upper Angle • Prevent damages and horizontal movement of voiding materials bonded to

of Lower rebar

3 Lower spacer

each pipe(correct positioning) Make 15mm holes on the form and install (1.2m interval) Stub Anchor can be installed

directly onto the upper part of a beam without extra work on the bottom. Angel functions as a spacer for the upper rebar.

Certificate and Patent regarding VPS

♦ VPS Features

♦ VPS Install Process

05

Product Description

Installing upper reinforcement

06 Placing

ACE DECK

Composite Slab Structure

ACE DECK is a composite floor slab for Fire-resisting structure incorporating DECK PLATE and concrete.

Structure Section & Shape

Structure Section & Shape

Component Materials										
Structural steel plate (ACE DECK)			SPACER							
KS D 3506 Continuous galvanizes iron (Z12)	KSF 4009 • Ordinary concrete strength 21MPa or higher • SLAB Thickness 150mm or More • Slump 150mm ± 25mm • Air flow 4.5% ± 1.5%	KD D 7017 ·Welded deformed wire fabric D6-100X100 ·Cover thickness Maintain minimun 20mm ·Lap splice length 200mm	PLASTIC BLOCK	KS B 1062 • Carbon steel for machine structure • SM10~20C D16x100-120mm(L)						

Sectional Performance

Plate Thickness (mm)		Sectional Performance								
	Product Weight 212 (kat/m²)	Section area As			Sectiona	al Factor				
()						Negative moment Ze-(am)				
0.8	12.81	15.38	1.81	79.1	43.68	19.82				
1.0	15.76	19.15	1.81	97.4	53.91	24.38				
1.2	18.70	22.89	1.80	115.1	63.89	28.80				
1.4	21.61	26.60	1.80	132.3	73.60	33.06				
1.6	24.49	30.28	1.79	149.0	83.05	37.19				

Allowed Load Table for Composite slab

Thickn	Thickness: 1.0mm												
SPA SLA													
2.0	23.3	25.6	28.0	30.5	33.1	35.8	38.6						
2.1	21.2	23.2	25.4	27.6	30.0	32.5	35.0						
2.2	19.3	21.2	23.1	25.2	27.3	29.6	31.9						
2.3	17.6	19.4	21.2	23.0	25.0	27.1	29.2						
2.4	16.2	17.8	19.4	21.2	23.0	24.8	26.8						
2.5	14.9	16.4	17.9	19.5	21.2	22.9	24.7						
2.6	13.8	15.1	16.6	18.0	19.6	21.2	22.8						
2.7	12.8	14.0	15.4	16.7	18.1	19.6	21.2						
2.8	11.9	13.1	14.3	15.5	16.9	18.3	19.7						
2.9	11.1	12.2	13.3	14.5	15.7	17.0	18.4						
3.0	10.4	11.4	12.4	13.5	14.7	15.9	17.2						
3.1	9.7	10.7	11.6	12.7	13.8	14.9	16.4						
3.2	9.1	10.0	10.9	11.9	12.9	14.0	15.1						
3.3	8.6	9.4	10.3	11.2	12.1	13.1	14.2						
3.4	8.1	8.9	9.7	10.5	11.4	12.4	13.4						
3.5	7.6	8.4	9.1	10.0	10.8	11.7	12.6						
3.6	7.2	7.9	8.6	9.4	10.2	11.0	11.9						
3.7	6.8		8.2	8.9	9.7	10.5	11.3						
3.8	6.5		7.8	8.4	9.2	9.9	10.7						
3.9	6.1		7.4	8.0	8.7	9.4	10.2						
4.0	5.8	6.4	7.0	7.6	8.3	8.9	9.7						

Thickness: 1.0mm

SPAN SLAB	120	125	130	135	140	145	150
2.0	24.5	26.8	29.3	31.8	34.5	37.2	40.1
2.1	22.2	24.3	26.5	28.9	31.3	33.8	36.4
2.2	20.2	22.2	24.2	26.3	28.5	30.8	33.2
2.3	18.5	20.3	22.1	24.1	26.1	28.2	30.3
2.4	17.0	18.6	20.3	22.1	23.9	25.9	27.9
2.5	15.7	17.2	18.7	20.4	22.1	23.8	25.7
2.6	14.5	15.9	17.3	18.8	20.4	22.0	23.7
2.7	13.4	14.7	16.1	17.5	18.9	20.4	22.0
2.8	12.5	13.7	14.9	16.2	17.6	19.0	20.5
2.9	11.7	12.8	13.9	15.1	16.4	17.7	19.1
3.0	10.9	11.9	13.0	14.1	15.3	16.6	17.8
3.1	10.2	11.2	12.2	13.2	14.4	15.5	16.7
3.2	9.6	10.5	11.4	12.4	13.5	14.6	15.7
3.3	9.0	9.9	10.8	11.7	12.7	13.7	14.7
3.4	8.5	9.3	10.1	11.0	11.9	12.9	13.9
3.5	8.0	8.8	9.6	10.4	11.3	12.2	13.1
3.6	7.6	8.3	9.0	9.8	10.6	11.5	12.4
3.7	7.2	7.8	8.6	9.3	10.1	10.9	11.7
3.8	6.8	7.4	8.1	8.8	9.6	10.3	11.1
3.9	6.4			8.4	9.1	9.8	10.6
4.0	6.1			8.0	8.6	9.3	10.0

•fdk=21MPa
 • Space for reinforcement and support considering deflection during construction
 • It is [finishing material load + superimposed load] that can be received in addition to DECK PLATE and CON'C weights.

Thickness: 1.2mm (Unit:kN/									
SPAN SLAB									
2.0	23.9	26.2	28.6	31.2	33.8	36.5	39.4		
2.1	21.7	23.8	26.0	28.3	30.7	33.1	35.7		
2.2	19.8	21.7	23.7	25.8	27.9	30.2	32.6		
2.3	18.1	19.8	21.7	23.6	25.6	27.6	29.8		
2.4	16.6	18.2	19.9	21.6	23.5	25.4	27.4		
2.5	15.3	16.8	18.3	19.9	21.6	23.4	25.2		
2.6	14.2	15.5	17.0	18.4	20.0	21.6	23.3		
2.7	13.1	14.4	15.7	17.1	18.5	20.1	21.6		
2.8	12.2	13.4	14.6	15.9	17.2	18.6	20.1		
2.9	11.4	12.5	13.6	14.8	16.1	17.4	18.7		
3.0	10.6	11.7	12.7	13.9	15.0	16.2	17.5		
3.1	10.0	10.9	11.9	13.0	14.1	15.2	16.4		
3.2	9.4	10.3	11.2	12.2	13.2	14.3	15.4		
3.3	8.8	9.6	10.5	11.5	12.4	13.4	14.5		
3.4	8.3	9.1	9.9	10.8	11.7	12.6	13.6		
3.5	7.8	8.6	9.4	10.2	11.0	11.9	12.9		
3.6	7.4	8.1	8.8	9.6	10.4	11.3	12.2		
3.7	7.0		8.4	9.1	9.9	10.7	11.5		
3.8	6.6		7.9	8.6	9.4	10.1	10.9		
3.9	6.3	6.9		8.2	8.9	9.6	10.4		
4.0	6.0	6.6	7.2	7.8	8.5	9.1	9.9		

Thickness: 1.2mm

SPAN SLAB							
2.0	25.0	27.4	29.8	32.4	35.1	37.9	40.8
2.1	22.7	24.8	27.1	29.4	31.8	34.4	37.0
2.2	20.7	22.6	24.7	26.8	29.0	31.3	33.7
2.3	18.9	20.7	22.6	24.5	26.5	28.7	30.9
2.4	17.4	19.0	20.7	22.5	24.4	26.3	28.3
2.5	16.0	17.5	19.1	20.7	22.5	24.3	26.1
2.6	14.8	16.2	17.7	19.2	20.8	22.4	24.2
2.7	13.7	15.0	16.4	17.8	19.3	20.8	22.4
2.8	12.8	14.0	15.2	16.5	17.9	19.3	20.8
2.9	11.9	13.0	14.2	15.4	16.7	18.0	19.4
3.0	11.1	12.2	13.3	14.4	15.6	16.8	18.1
3.1	10.4	11.4	12.4	13.5	14.6	15.8	17.0
3.2	9.8	10.7	11.7	12.7	13.7	14.8	15.9
3.3	9.2	10.1	11.0	11.9	12.9	13.9	15.0
3.4	8.7	9.5	10.3	11.2	12.1	13.1	14.1
3.5	8.2	8.9	9.7	10.6	11.5	12.4	13.3
3.6	7.7	8.4	9.2	10.0	10.8	11.7	12.6
3.7	7.3	8.0	8.7	9.5	10.3	11.1	11.9
3.8	6.9	7.6	8.3	9.0	9.7	10.5	11.3
3.9	6.6	7.2	7.8	8.5	9.2	10.0	10.7
4.0	6.0	6.8	7.5	8.1	8.8	9.5	10.2

ALPHA DECK

Composite Slab Structure

ALPHA DECK is a composite floor slab for Fire-resisting structure incorporating DECK PLATE and concrete.

Structure Section & Shape

Structure Section & Shape

Component Materials									
Structural steel plate (ACE DECK)			SPACER						
KS D 3506 Continuous galvanizes iron (Z12)	KSF 4009 • Ordinary concrete strength 21MPa or higher • SLAB Thickness 150mm or More • Slump 150mm ± 25mm • Air flow 4.5% ± 1.5%	KD D 7017 •Welded deformed wire fabric D6-100X100 •Cover thickness Maintain minimun 20mm •Lap splice length 200mm	KS D 3552	KS B 1062 • Carbon steel for machine structure • SM10~20C D16x100-120mm(L)					

Sectional Performance

Plate Thickness (mm)		Sectional Performance								
	Product Weight 212 (kat/m²)	Section area As		Moment of inertia ls	Sectional Factor					
						Negative moment Ze-(cm²)				
1.0	12.8	15.85	3.51	151.54	42.96	38.51				
1.0	15.1	18.59	3.49	178.86	50.08	45.72				
1.4	17.0	21.39	3.47	194.71	56.15	49.77				
1.6	19.4	24.84	3.44	233.72	64.86	60.36				

Allowed Load Table for Composite slab

Thickness	Thickness: 1.0mm											
SPAN SLAB												
2.0	28.9	30.9	32.8	34.9	37.0	39.1	41.4					
2.1	26.2	28.0	29.8	31.6	33.5	35.5	37.5					
2.2	23.9	25.5	21.7	28.8	30.6	32.4	34.2					
2.3	21.9	23.3	24.8	26.4	28.0	29.6	31.3					
2.4	20.1	21.4	22.8	24.2	25.7	27.2	28.7					
2.5	18.5	19.7	21.0	22.3	23.7	25.1	26.5					
2.6	17.1	18.3	19.4	20.6	21.8	23.2	24.5					
2.7	15.9	16.9	18.0	19.1	20.3	21.5	22.7					
2.8	14.8	15.7	16.8	17.8	18.9	20.0	21.1					
2.9	13.8	14.7	15.6	16.6	17.6	18.6	19.7					
3.0	12.9	13.7	14.6	15.5	16.4	17.4	18.4					
3.1	12.0	12.8	13.7	14.5	15.4	16.3	17.2					
3.2	11.3	12.1	12.8	13.6	14.4	15.3	16.2					
3.3	10.6	11.3	12.1	12.8	13.6	14.4	15.2					
3.4	10.0	10.7	11.4	12.1	12.8	13.5	14.3					
3.5	9.5	10.1	10.7	11.4	12.1	12.8	13.5					
3.6	8.9	9.5	10.1	10.8	11.4	12.1	12.8					
3.7	8.5	9.0	9.6	10.2	10.8	11.4	12.1					
3.8	8.0	8.6	9.1	9.7	10.2	10.8	11.5					
3.9	7.6	8.1	8.6	9.2	9.7	10.3	10.9					
4.0	7.2	7.7	8.2	8.7	9.2	9.8	10.4					

Thickness: 1.4mm

SPAN SLAB	70	75		85	90		100
2.0	30.2	32.1	34.2	36.3	38.5	40.7	43.0
2.1	27.4	29.2	31.0	32.9	34.9	36.9	39.0
2.2	24.9	26.6	28.2	30.0	31.8	33.6	35.5
2.3	22.8	24.3	25.8	27.4	29.1	30.8	32.5
2.4	20.9	22.3	23.7	25.2	26.7	28.3	29.9
2.5	19.3	20.6	21.9	23.25	24.6	26.1	27.5
2.6	17.8	19.0	20.0	21.5	22.8	24.1	25.5
2.7	16.6	17.6	18.8	19.9	21.1	22.3	23.6
2.8	15.4	16.4	17.4	18.5	19.6	20.8	21.9
2.9	14.3	15.3	16.3	17.3	18.3	19.4	20.5
3.0	13.4	14.3	15.2	16.1	17.1	18.1	19.1
3.1	12.6	13.4	14.2	15.1	16.0	16.9	17.9
3.2	11.8	12.6	13.4	14.2	15.0	15.9	16.8
3.3	11.1	11.8	12.6	13.3	14.1	15.0	15.8
3.4	10.4	11.1	11.8	12.6	13.3	14.1	14.9
3.5	9.9	10.5	11.2	11.9	12.6	13.3	14.0
3.6	9.3	9.9	10.6	11.2	11.9	12.6	13.3
3.7	8.8	9.0	10.0	10.6	11.2	11.9	12.6
3.8	8.4	8.9	9.5	10.1	10.7	11.3	11.9
3.9	7.9	8.5	9.0	9.5	10.1	10.7	11.3
4.0	7.5	8.0	8.5	9.1	9.6	10.2	10.8

Space for reinforcement and support considering deflection during construction • It is [finishing material load + superimposed load] that can be received in addition to DECK PLATE and CON'C weights.

Thickness	: 1.2mm					(Unit:kN/m²)
SPAN SLAB							
2.0	29.6	31.5	33.5	35.6	37.7	39.9	42.2
2.1	26.8	28.6	30.4	32.3	34.2	36.2	38.3
2.2	24.4	26.0	27.7	29.4	31.2	33.0	34.9
2.3	22.4	23.8	25.3	26.9	28.5	30.2	31.9
2.4	20.5	21.9	23.3	24.7	26.2	27.7	29.3
2.5	18.9	20.2	21.5	22.8	24.2	25.6	27.0
2.6	17.5	18.6	19.8	21.1	22.3	23.6	25.0
2.7	16.2	17.3	18.4	19.5	20.7	21.9	23.2
2.8	15.1	16.1	17.1	18.2	19.3	20.4	21.5
2.9	14.1	15.0	15.9	16.9	18.0	19.0	20.1
3.0	13.1	14.0	14.9	15.8	16.8	17.8	18.8
3.1	12.3	13.1	14.0	14.8	15.7	16.6	17.6
3.2	11.5	12.3	13.1	13.9	14.7	15.6	16.5
3.3	10.9	11.6	12.3	13.1	13.9	14.7	15.5
3.4	10.2	10.9	11.6	12.3	13.1	13.8	14.6
3.5	9.7	10.3	10.9	11.6	12.3	13.0	13.8
3.6	9.1	9.7	10.4	11.0	11.7	12.3	13.0
3.7	8.6	9.2	9.8	10.4	11.0	11.7	12.3
3.8	8.2	8.7	9.3	9.9	10.5	11.1	11.7
3.9	7.8	8.3	8.8	9.4	9.9	10.5	11.1
4.0	7.4	7.9	8.4	8.9	9.4	10.0	10.6

Thickness: 1.6mm

SPAN SLAB							
2.0	30.7	32.7	34.8	37.0	39.2	41.4	43.8
2.1	27.9	29.7	31.6	33.5	35.5	37.6	39.7
2.2	25.4	27.1	28.8	30.5	32.4	34.2	36.2
2.3	23.2	24.8	26.3	27.9	29.6	31.3	33.1
2.4	21.3	22.7	24.2	25.7	27.2	28.8	30.4
2.5	19.7	21.0	22.3	23.6	25.1	26.5	28.0
2.6	18.2	19.4	20.6	21.9	23.2	24.5	25.9
2.7	16.9	18.0	19.1	20.3	21.5	22.7	24.0
2.8	15.7	16.7	17.8	18.9	20.0	21.1	22.3
2.9	14.6	15.6	16.6	17.6	18.6	19.7	20.8
3.0	13.7	14.6	15.5	16.4	17.4	18.4	19.5
3.1	12.8	13.6	14.5	15.4	16.3	17.2	18.2
3.2	12.0	12.8	13.6	14.4	15.3	16.2	17.1
3.3	11.3	12.0	12.8	13.6	14.4	15.2	16.1
3.4	10.6	11.3	12.0	12.8	13.6	14.3	15.1
3.5	10.0	10.7	11.4	12.1	12.8	13.5	14.3
3.6	9.5	10.1	10.7	11.4	12.1	12.8	13.5
3.7	9.0	9.6	10.2	10.8	11.1	12.1	12.8
3.8	8.5	9.1	9.6	10.2	10.9	11.5	12.1
3.9	8.1	8.6	9.2	9.7	10.3	10.9	11.5
4.0	7.7	8.2	8.7	9.2	9.8	10.4	10.9

FORM DECK

FORM DECK Sectional Shape

FORM DECK Sectional Performance

		Plate		Sectional Performance					
Product Name	KS Name	Thickness	product weight Z12 (kat/m²)			section	al factor		
				Section area AS(GII)			Negative moment Ze-(cm²)		
	ALK 12	1.2	16.3	11.95	169	38.7	54.0		
DMP 600	ALK 16	1.6	21.3	15.74	222	50.7	70.9		
	ALK 23	2.3	30.2	22.53	309	70.6	98.7		
	ALN 10	1.0	13.0	10.89	146	36.5	41.7		
DMD 600	ALN 12	1.2	15.4	13.03	174	43.4	49.7		
DIVIP 090	ALN 16	1.6	20.3	17.28	228	57.0	65.1		
	ALN 23	2.3	28.6	24.60	318	79.5	90.9		
DMD 614	ALB 12	1.2	13.9	10.46	60.5	17.6	37.8		
Divir 014	ALB 16	1.6	18.2	13.86	78.5	22.9	49.1		

Q.L DECK Sectional Shape

Q.L DECK Sectional Performance

Plate Thickness	e ess) (kgt/㎡)	Sectional Performance							
		Section area As(cm²)			sectional factor				
(mm)			neutrality(Xs(cm))						
1.0	12.8	15.85	3.51	151.54	42.96	38.51			
1.2	15.1	18.59	3.49	178.86	50.08	45.72			
1.4	17.0	21.39	3.47	194.71	56.15	49.77			
1.6	19.4	24.84	3.44	233.72	64.86	60.36			

Un-welded steel wire integrated construction flow chart

Steel framework(S Part)

Steel Concrete (RC Part)

Allowable span table for Un-welded steel wire integrated DECK - S Part

EXTRA / NO	EXTRA / NOVA / COLOR DECK		SLAB	Maximun	EXTRA / NOVA / COLOR DECK			SLAB	Maximun
TYPE EXR/NOVA/COL	TOP BOTTOM		THK (mm)	Allwable Net Span in constructing	TYPE EXR/NOVA/COL	TOP BOTTOM		THK (mm)	Allwable Net Span in constructing
1007-90		90	120	2750	1308-90		90	120	3050
1007-100	-	100	130	2950	1308-100		100	130	3300
1007-105	-	105	135	3000	1308-105		105	135	3400
1007-120	1-HD10 2-HD7	120	150	3100	1308-120	1-HD13 2-HD8	120	150	3700
1007-150	2 1107	150	80	3300	1308-150	2 1100	150	80	4150
1007-170		170	200	3400	1308-170		170	200	4600
1007-220	-	220	250	3700	1308-220		220	250	3650
1008-90		90	120	2750	1310-90		90	120	3250
1008-100	-	100	130	2750	1310-100		100	130	3500
1008-105	-	105	135	3000	1310-105		105	135	3600
1008-120	1-HD10 2-HD8	120	150	3100	1310-120	1-HD13 2-HD10	120	150	3950
1008-150		150	80	3400	1310-150		150	80	4500
1008-170		170	200	3500	1310-170		170	200	4850
1008-220	-	220	250	3700	1310-220		220	250	3700
1010-90		90	120	2750	1313-90		90	120	3400
1010-100		100	130	2900	1313-100		100	130	3650
1010-105	1-HD10 2-HD10	105	135	2950	1313-105		105	135	3800
1010-120		120	150	3100	1313-120	1-HD13 2-HD13	120	150	4150
1010-150		150	80	3300	1313-150	2 110 10	150	80	4750
1010-170		170	200	3500	1313-170		170	200	5100
1010-220	-	220	250	3700	1313-220	_	220	250	4100
1207-90		90	120	2900	1410-90		90	120	3350
1207-100	-	100	130	3100	1410-100		100	130	3600
1207-105	-	105	135	3200	1410-105		105	135	3700
1207-120	1-HD12 2-HD7	120	150	3500	1410-120	1-HD14 2-HD10	120	150	4050
1207-150		150	80	4000	1410-150	2 110 10	150	80	4650
1207-170	-	170	200	4200	1410-170		170	200	5000
1207-220	-	220	250	3900	1410-220		220	250	3700
1208-90		90	120	3000	1412-90		90	120	3450
1208-100	-	100	130	3250	1412-100		100	130	3750
1208-105	-	105	135	3350	1412-105		105	135	3900
1208-120	1-HD12 2-HD8	120	150	3650	1412-120	1-HD14 2-HD12	120	150	4250
1208-150	2 1100	150	80	4200	1412-150	2 11012	150	80	4900
1208-170	-	170	200	4500	1412-170		170	200	5250
1208-220	-	220	250	3900	1412-220		220	250	4100
1210-90		90	120	3200					
1210-100	-	100	130	3450	► Concrete de	sign strength	fck=21Mpa		
1210-105	-	105	135	3550	► LATTICE : 5.	.6			
1210-120	1-HD12 2-HD10	120	150	3900	► Rail navigation strength fty=500Mpa				
1210-150		150	80	4450	CAMBER : L	j200 (adjustal r shooth store	ole) lard 20mm (-	hiustable)	
1210-170	-	170	200	4800	 Additional log 	ad, applying :	1.0kN/m' whe	ajustable) en using (adii	ustable)
1210-220	-	220	250	3900					

Allowable span table for Un-welded steel wire integrated DECK - RC Part, SRC Part

EXTRA / NO	VA / COLOR D	ECK	SLAB	Maximun	EXTRA / NC)va / color e	DECK	SLAB THK (mm)	Maximun
TYPE EXR/NOVA/COL	TOP BOTTOM		THK (mm)	Net Span in constructing	TYPE EXR/NOVA/COL	TOP BOTTOM			Net Span in constructing
1007-90		90	120	2600	1308-90		90	120	3100
1007-100		100	130	2700	1308-100	_	100	130	3350
1007-105		105	135	2800	1308-105	_	105	135	3500
1007-120	1-HD10 2-HD7	120	150	2850	1308-120	- 1-HD13 2-HD8	120	150	3800
1007-150		150	80	3050	1308-150	_ 21100	150	80	1350
1007-170		170	200	3300	1308-170	_	170	200	4500
1007-220		220	250	3400	1308-220	-	220	250	3350
1008-90		90	120	2600	1310-90		90	120	3300
1008-100		100	130	2800	1310-100	-	100	130	3550
1008-105		105	135	2850	1310-105	-	105	135	3700
1008-120	1-HD10 2-HD8	120	150	3000	1310-120	- 1-HD13 2-HD10	120	150	4000
1008-150	2 1100	150	80	3200	1310-150		150	80	4500
1008-170		170	200	3300	1310-170	-	170	200	4900
1008-220		220	250	3300	1310-220	_	220	250	3400
1010-90		90	120	2600	1313-90		90	120	3450
1010-100		100	130	2700	1313-100	_	100	130	3700
1010-105		105	135	2800	1313-105	_	105	135	3850
1010-120	1-HD10 2-HD10	120	150	2950	1313-120	- 1-HD13 2-HD13	120	150	4200
1010-150	2 11010	150	80	3000	1313-150		150	80	4700
1010-170		170	200	3000	1313-170		170	200	4850
1010-220		220	250	3400	1313-220		220	250	3400
1207-90		90	120	3000	1410-90		90	120	3400
1207-100		100	130	3200	1410-100	-	100	130	3650
1207-105		105	135	3300	1410-105	_	105	135	3750
1207-120	1-HD12 2-HD7	120	150	3600	1410-120	- 1-HD14 2-HD10	120	150	4100
1207-150		150	80	3800	1410-150		150	80	4650
1207-170		170	200	3950	1410-170	_	170	200	5100
1207-220		220	250	3300	1410-220	-	220	250	3300
1208-90		90	120	3100	1412-90		90	120	3500
1208-100		100	130	3340	1412-100	-	100	130	3800
1208-105		105	135	3450	1412-105	_	105	135	3950
1208-120	1-HD12 2-HD8	120	150	3750	1412-120	- 1-HD14 2-HD12	120	150	4300
1208-150	2 1100	150	80	4300	1412-150		150	80	4900
1208-170		170	200	4500	1412-170	_	170	200	5300
1208-220	-	220	250	3350	1412-220	_	220	250	3400
1210-90		90	120	3250					
1210-100		100	130	3500	► DECK MAXIMUN	M PERMITTED	QUALITY SPA	N	
1210-105	-	105	135	3650	= Beam-to-cer	nter Distance -	step Width		
1210-120	1-HD12 2-HD10	120	150	3950	▶ DECK H= 230m	m or higher ca	n be ordered		
1210-150		150	80	4350	The maximum a by using the ori	allowable net o ginal reinforce	liameter of the ment	e building can	be adjusted
1210-170		170	200	4500	(Connected root s	pecification. upp	er the lower curi	rent diameter)	
1210-220	-	220	250	3350					

♦ Un-welded steel wire integrated DECK - S standard detail blueprint

♦ Un-welded steel wire integrated DECK - S standard detail blueprint

♦ Un-welded steel wire integrated DECK - RC standard detail blueprint

distributing reba Upper link rebar

er link reba

♦ Un-welded steel wire integrated DECK - RC standard detail blueprint

Production Process for Un-welded steel wire integrated DECK - Deformed wire for reinforcement

Deformed wire for reinforcement of WINHITECH concrete produced by the Cold Rolling process is an ideal material that shares the high tensile strength of the steel wire and the concrete adhesion of the steel, so that the Tungsten Carbide Roll is adopted to maintain a uniform form of fine knurling that conforms to the specifications at home and abroad.

♦ NOVA DECK Production Process

The steel plate and T/G are combined with bolts after settling in the spacer so that the steel plate can be easily removed during the concrete slab floor leakage or defect repair, and the ceiling surface is flat due to lack of steel plate flexion.

♦ WINHI_BEAM Production Process

After pre-producing tailor-made beam form in the plant, it is combined with the welding to build a simple assembly in the field.

VOIDDECK Production Process

The plant produces deck plates, voiding materials, and fixtures, which are assembled on site.

C EXTRA DECK Actual Constructions

Ministry of the Interior and Safety in Government building in Sejong Employer : Ministry of the Interior and Safety

Suwon district court Employer : Supreme Court

Suwon Convention Center Employer : Suwon city

Incheon National Airport

Jamsil the 2nd Lotte World Employer : POSCO Employer : Lotte Construction

LG Electronics Haiphong Plant Employer : GS Construction

SK Hynix Semiconductor Plant Employer : SK Construction Ltd.

Seoul Prosecution Service building new wing Employer : Ministry of Justice

Yongsan Station The 3rd Area Employer : Samsung C&T

POSCO Song-do Office building

Vietnam Yen Binh Project Employer : Samsung Electronics

Incheon Asian Game Main Stadium Employer : Incheon Metropolitan City

SEXTRA DECK Actual Constructions

Deagu Water Industry Cluster Daejeon Regional Public Procurement Service

Cheongna International City IS Dongseo

Jeju Airport Seoul Regional Public Procurement Service

Gyeongbu Expressway Deajeon Station Korea Rail Network Authority

Gangneung Oval Gangwon-do

KFRI New Building KFRI

Radioactive I&C Center Doosan Engineering & Construction

Goyang Star field SHINSEGAE E&C

Jeju Dream Tower China Petroleum & Chemical Co., Ltd.Sinapec

The Catholic Enpeong St. Mary's Hostipal ST. Mary's Hospital

Dongtan Knowledge industry Center POSCO E&C

Yeouido Parkone POSCO E&C

SEXTRA DECK Actual Constructions

lassification	construction name	owner
	Nara-Keeum Jeju Complex Official Residence	Korea Asset Management Corporation
	Geumcheon Police Station	Seoul Geumcheon Police Station
	Gwanggyo Beopjo complex, Suwon Highschool, Suwon District Prosecutor's Office	Korea Asset Management Corporation
	Suwon District Court	Korea Asset Management Corporation
	Western Branch of Seoul District Public Prosecutors' Office	Ministry of Justice
	Gangnam Police Station	Seoul Metropolitan Police Agency
	Korea Food Research Institute	Ministry of the Interior and Safety
	Cheonan Branch of Daejeon District Court	Supreme Court
	Yecheon County New Office, Yecheon County Council	Yecheon County, North Gyeongsang Province
	Hwaseong Dongtan Group Energy Facility	Korea District Heating Corp.
	Gwangjin Police Station	Seoul Gwangjin Police Station
	Western Branch of Busan Public	Busan High Court
	Sejong City Council	National Agency for Administrative City
	Busan Metropolitan City Material	Busan Construction Headquaters
	Seoul Geumcheon Post Office	Korea Post Procurement and
	Eastern Branch of Seoul Public	Supreme Court
	Sejong Fire Station	National Agency for Administrative City
	Sejong Government Offices Stage 3	Ministry of the Interior and Safety ,
business facility	Korea Information Society Development	Korea Information Society Developmen
(public	Korea Electrical Safety Corporation	KESCO
office)	Korea Consumer Agency New Office	Korea Consumer Agency
	Suwon Paldal-gu Office	Suwon-si
	Woniu Regional Environmental Office	Ministry of Environment
	Korea Gas Corporation New Office	
	Building	Korea Gas Corporation
	Corporation New Office Building	Corporation
	Ulsan District Court	Supreme Court
	Korean Agency for Technology and Stan dards Office	Ministry of Knowledge Economy
	National Radio Research Agency Office	Korea Communications Commission
	Global Institute for Transferring Skills	Human Resources Development Service of Korea
	The First Annexe of Board of Audit and Inspection of Korea	The Board of Audit and Inspection of Korea
	Chungnam Provincial Police Agency Office	Korea National Police Agency
	Bupyeong Post Office	Ministry of Knowledge Economy
	Seoul Prosecutor's Office New Building	Ministry of Justice
	National Health Insurance (Gwangju, Busan) Office Building	National Health Insurance
	Yongin Seobu Police Station	Gyeonggi Provincial Police Agency
	Busanjin, Seongdong, Yongin,Siheung Tax Office	National Tax Service
	Ulsan Supreme Court	Hyundai E&C Co., Ltd
	Housing Corp. Incheon Branch Office Building	LH

classification	construction name	
	Chunbuk Osong Bio-Health Science Park	HyundaiE&CCo., Ltd
	Jeollanamdo Provincial Office, Jeonllabukdo Provincial Government	GS E&C, Kumho E&C
	Center for Small and Mediu Businesses	Samsung C&T Corporation
	Jinju City Hall New Office Building	Dusan E&C, Taeyoung E&C
	Seoul Northern District Court	Daewoo E&C
	Sejong City Hall	Multi-functional Administrative City Construction Office Seoul Station complex
	Sejong City Office of Education Office	National Agency for Administrative City Construction
	Administration Town Construction	Incheon Transit Corporation
	Gwanggyo Business Center	Kyeonggi Small and Medium Business Center
	National Disaster Management Institute	Ministry of the Interior and Safety ,
	National Fishery Products Quality Mana gement Service Office	Ministry of Oceans and Fisheries
	Jeju Dongmun Post Office	Ministry of Science , ICT and Future Planning
	Busan Sasang Police Station	Korea National Police Agency
	National Health Insurance Corporation Office Building	National Health Insurance
	KLD TOEER Construction	Korea Local Information Research & Development Institute
	Incheon Namdong Post Office	Ministry of Science , ICT and Future Planning
	Gangneung Post Office	Ministry of Science , ICT and Future Planning
	Daejeon Yuseong Police Station	Korea National Police Agency
business facility	Gyeongin Regional Communications Office	Ministry of Knowledge Economy
(public	Legal Research and Training Institute Moving Construction	Ministry of Justice
Unice)	Complex Community Center(1-3LA)	National Agency for Administrative City Construction
	Haeng-Bok Apartment Construction	National Agency for Administrative City Construction
	Sejong Happiness Support Center	National Agency for Administrative City Construction
	Daegu Fire and Safety Department Office	National Fire Agency
	Jeju Regional Meteorological Administration	Korea Meteorological Administration
	Seoul Gangbuk Post Office	Ministry of Knowledge Economy
	Gunsan Seonyudo Post Office	Ministry of Knowledge Economy
	The Second Hanawon New Office	Ministry of Unification
	Anyang Registry Office	Supreme Court
	Gyeonggi Police Agency Annex	Korea National Police Agency
	Yeongsan River Environmental Office	Environment Agency
	Government- Contributed Research Institute Temporary Building	Korea Asset Management Corp.
	Korea Resources Corporation	Korea Resources Corporation
	Korean electric power corporation New Office Building	Korea Electric Power Corp
	Seoul Power Station Temporary Building	Korea Midland Power Co. Ltd.
	National Pension Service Office Building	National Pension Service Office
	National Health Insurance Corp. Ansan Branch	National Health Insurance Corp
	Korea Institute of Ceramic Engineering and Technology New Office	Korea Institute of Ceramic Engineering and Technology

SEXTRA DECK Actual Constructions

classification	construction name	owner	classification	construction name	owner
	Korea Employment Information Service New Office	Korea Employment Information Service		Suwan District, Gwangju	Lotte E&C
	Korea Institute of Brain Science Construction	Korea Institute of Brain Science		Songdo I-Tower	Daewoo E&C
	Korea Creative Content Agency	Korea Creative Content Agency		Jamsil the Second Lotte World	Lotte E&C
	Korea Advancing Schools Foundation Daegu Office Building	Korea Advancing Schools Foundation		National Agricultural Cooperative Federation Hanaro Mart	Agriculture cooperative
	Advanced Institute of Convergence Technology Support Center	Chungnam Techno Park		Busan the Second Lotte World	Lotte E&C
	Gyeongsangbuk-do Province Office and Legislative Assmebly of	Gyeongsangbuk-do		Hanwha Gallery Cheonan Branch	Hanwha E&C
	Gyeongsangbuk-do Provincial Council Onsan Complex Community Center	Uliu-gun, Ulsan Metropolitan City		Hyundai Department Store Head Office	Hyundai E&C Co., Ltd
business facility	Korea National Oil Corporation New	Korea National Oil Corporation		KCC HOME CC Incheon Branch	KCC E&C
(public	Daesan-Imhae Industrial Area	Korea Water Resources Corp.		Han River Floating Island	Daewoo E&C
onice)	Dasan New City Enterprise Organization	Gyeonggi Urban Innovation Corporation	Distribution	Gimpo SKY PARK	Lotte E&C
	Korea East-West Power Corporation	Korea East-West Power Corporation	facility	Hyundai Department Store Ulsan Branch	Hyundai E&C Co., Ltd
	Gwangyo U-City Integrated Intigrated	Gveonogi Urban Innovation Corporation		Hanhwa Stores Co., LTD. Asan Branch	Hanwha E&C
	Incheon Family Court	Supreme Court		lon City	POSCO E&C
	Sejong Fire Station	National Agency for Administrative City		Apgoojung JB Miso	SHINSEGAE E&C
	Korea Combat Training Center Training	Ministry of National Defense		Ansan Starmax	CJ E&C
	Promotion Hall New Construction	Korea Gas Corporation		HTACHI TSUKUBA Logistics Center	GAJIMA E&C
	Anyang SK V1 Center	SK E&C Co., Ltd		Suwon Sin-dong Traders	SHINSEGAE E&C
	Yongin Office knowledge industrial	POSCO ICT COMPANY LTD.		Goyang Samsong Agro-Trade Exhibition Center	Hanwha E&C
	Federation of Korean Industries Hall	Hyundai E&C Co., Ltd		Dongnam Distribution Logistics Complex	Hyundai E&C Co., Ltd
	Yongsan The Prime	WoongA Construction Industry		Marine Products Complex Center	National Federation of Fisheries Cooperatives
	KNN Center New Office Building	Taeyoung E&C		Jeju International Airport Infra Business	Korea Airports Corporation
	Inui-dong Officetel	Daelim Industrial Co., Ltd.		Extension of Gyeongbu Line Daejeon Station Building	Korea Rail Network Authority
	Meritz Fire & Marine Insurance Co., Ltd, Bucan Office Building	Hanjin Heavy Industries Co., Ltd.		Incheon International Airport The Second Passenger Terminal	Incheon International Airport Corp
	Posco Tower - Songdo Office Building	POSCO E&C		Incheon International Airport Fa ade Facility	Incheon International Airport Corp
husiness	Doosan Landmark Tower	Dusan E&C		Gyeongbu Line Busan Station Building	Daelim Industrial Co., Ltd.
facility	Dongbu Insurance Office Building	Dongbu Corp.		Changdong Civil Station Building	Hyosung Group
	LG Insurance Corporation Finance	GS E&C		Cheongnyangni Civil Station Building	Hanwha E&C, Lotte E&C
	Taeyeong Office Building, Yeouido	Taeyoung E&C	Airport,	Gyeongju Station Building	Hanjin Heavy Industries Co., Ltd.
	Postel Office Building	POSCO E&C	Terminal	Busan Station Building	SAMBU Construction Co., Ltd.
	Centum SKY BIZ	IS DONGSEO Co., Ltd.		Anyang Civil Station Building	GS E&C
	Sejong 3 Cha Apt., EG The one(3-2	Line Co., Ltd.		Yeongjongdo Cargo Terminal	Hanjin Heavy Industries Co., Ltd.
	Hyungje Electric Enterprise Knowledge	Gangsan Construction		Seoul Station complex	Hanwha E&C
	LG Science Park 1 Cha 2 Area	Subone		Incheon International Airport The Second Stage Bording Area	Samsung C&T Corp., Hanjin Hea Industries Co., Ltd.
	Ilsan Complex Base of Hyundai Motor	Hyundai E&C Co., Ltd		Incheon International Airport Foreign Airline Terminal	Hanjin Heavy Industries Co., Ltd.
	Water Cluster Creation Project	Ministry of Environment		International Airport 2 passinger Terminal Roof Floor	Hanjin Heavy Industries Co., Ltd.
Distribution	Amore Pacific Cosvision	Daelim Industrial Co., Ltd.		Suwon Civil Station Building	Hanjin Heavy Industries Co., Ltd.
and Sales facility	Lotte Mall Jinju Branch	Lotte E&C	Accommo	Jeju Dream Tower	China Cunstruction
	Lotte Mart Yangpyeong Branch	Lotte E&C	-dation	Yeosu Yeondo Hotel	Korea Development Corp

ation	construction name	owner
	Suwan District, Gwangju	Lotte E&C
	Songdo I-Tower	Daewoo E&C
	Jamsil the Second Lotte World	Lotte E&C
	National Agricultural Cooperative Federation Hanaro Mart	Agriculture cooperative
	Busan the Second Lotte World	Lotte E&C
	Hanwha Gallery Cheonan Branch	Hanwha E&C
	Hyundai Department Store Head Office	Hyundai E&C Co., Ltd
	KCC HOME CC Incheon Branch	KCC E&C
	Han River Floating Island	Daewoo E&C
ution	Gimpo SKY PARK	Lotte E&C
ty	Hyundai Department Store Ulsan Branch	Hyundai E&C Co., Ltd
	Hanhwa Stores Co., LTD. Asan Branch	Hanwha E&C
	lon City	POSCO E&C
	Apgoojung JB Miso	SHINSEGAE E&C
	Ansan Starmax	CJ E&C
	HTACHI TSUKUBA Logistics Center	GAJIMA E&C
	Suwon Sin-dong Traders	SHINSEGAE E&C
	Goyang Samsong Agro-Trade Exhibition Center	Hanwha E&C
	Dongnam Distribution Logistics Complex	Hyundai E&C Co., Ltd
	Marine Products Complex Center	National Federation of Fisheries Cooperatives
	Jeju International Airport Infra Business	Korea Airports Corporation
	Extension of Gyeongbu Line Daejeon Station Building	Korea Rail Network Authority
	Incheon International Airport The Second Passenger Terminal	Incheon International Airport Corporation
	Incheon International Airport Fa ade Facility	Incheon International Airport Corporation
	Gyeongbu Line Busan Station Building	Daelim Industrial Co., Ltd.
	Changdong Civil Station Building	Hyosung Group
	Cheongnyangni Civil Station Building	Hanwha E&C, Lotte E&C
ort, on,	Gyeongju Station Building	Hanjin Heavy Industries Co., Ltd.
nal	Busan Station Building	SAMBU Construction Co., Ltd.
	Anyang Civil Station Building	GS E&C
	Yeongjongdo Cargo Terminal	Hanjin Heavy Industries Co., Ltd.
	Seoul Station complex	Hanwha E&C
	Incheon International Airport The Second Stage Bording Area	Samsung C&T Corp., Hanjin Heavy Industries Co., Ltd.
	Incheon International Airport Foreign Airline Terminal	Hanjin Heavy Industries Co., Ltd.
	International Airport 2 passinger Terminal Roof Floor	Hanjin Heavy Industries Co., Ltd.
	Suwon Civil Station Building	Hanjin Heavy Industries Co., Ltd.
nmo	Jeju Dream Tower	China Cunstruction
on	Yeosu Yeondo Hotel	Korea Development Corp

SEXTRA DECK Actual Constructions

	construction name	owner	classification	construction name	
	Buyeo Resort Condominium	Lotte E&C		Gyeongsang Okgok-dong Apt.	Bando E&C
Accommo -dation	High1 Resort Hotel	Taeyoung E&C		Masan Metro City	Taeyoung E&C
	Geumsung Plaza Tourist Hotel	GS E&C		Dangjin Wondang-ri Apt.	Halla Corporation
	Yeouido Park One (A Area)	POSCO E&C		Eunpyeong New Town	Lotte E&C
	Pukyung National University Haengbok Dormitory	Dongwon Industries Co., Ltd.		Gwangmyeong Soha Apt.	KEANGNAM ENTERPRISES., Ltd.
	Daegu Maecheon District Aprtment	HANSHIN E&C Co., Ltd.		Ansan Singil Apt.	KEANGNAM ENTERPRISES., Ltd.
	Changwon Jungdong Unicity 2BL	Taeyoung E&C		Sungsan Pohang Public Parking Lot	Seongwipo-si
	Changwon Jungdong Unicity 1BL	Taeyoung E&C		Extension of Gimhae Airport Parking Lot	KoreaAirportsCorporationBusan
	Hillstate Ilsan	Hyundai E&C Co., Ltd		Gimpo Airport Domestic Flight Parking Lot	KoreaAirportsCorporation
	Cheongna District M1BL Commercial and Residential Complex	IS DONGSEO Co., Ltd.		Uijeongbu 1-dong Public Parking Lot	Uijongbu City Hall
	Chonan Buseong E-Pyeonhansesang Apt.	Korea Development Corp		Busan Migliore Parking Lot	Daewoo E&C
	Icheon Anheung-dong Commercial and Residential Complex	Lotte E&C		Motor City	DONGYANGENGINEERING& CONSTRUCTIONCORP.
ommercial and	Busan Centum Sky BIZ Ground Floor	IS DONGSEO Co., Ltd.		Ansan Mart Parking Lot	Lotte E&C
esidential Complex,	Seoul High Court Daycare Center, Bachelor Quarters	Seoul High Court		Samsung Plaza Parking Building	Samsung C&T Corporation
partment	Incheon Yonghyu-dong Exllu Tower	Poong Lim Industrial Co., Ltd.		Samsung Electronics Co., Ltd. Parking Tower	SamsungHeavyIndustriesCo.,Ltd.
nouse	Sa-jik Dong Poongrim I-won	Poong Lim Industrial Co., Ltd.		Seo-gu Office Attached Parking Lot	GwangjuMetropolitanCity
	Centum Leaders Mark	Daewoo E&C	Parking Facility	Hanam-dong Public Parking Lot	Seoul-si Yongsan-gu
	Ulsan Rotte Castle SKY	Lotte E&C		Wolpyeong 1-dong Public Parking Lot	Daejeon Construction Headquarters
	Le Meilleur Jongno Town	Lemeilleur E&C		Goejeong Public Parking Lot	Busan-si Saha-gu
	Mapo Yong-gang Apt.	Korea National Housing Corporation		Gu Office Annex	Seoul-si Guro-gu
	Ansan Jungang Heights Ville	JOONGANG CONSTRUCTION Co., Ltd		Okcheon Gongsung Market Parking Tower	Chungbuk Okcheon-gun
	Samsong Complex Center	SHINSEGAE E&C		Duksin 2-cha Market Parking Lot	Ulsan-si Ulju-gun
	Hillstate Echo Dongik	Hyundai Engineering & Construction Co.		Busan Guseo-dong Parking Lot	Busan-si Geumjeong-gu
	Company housing for business bachelor	Korea Midland Development Co., Ltd.		Busan Samnak-dong Parking Lot	Busan-si Sasang-gu
	Sangam 2 Area	JOONGANG CONSTRUCTION Co., Ltd		Busan Gyeonghae Girl's High School Parking Lot	Busan-si Buck-gu
	Segok Complex 4,5 Complex	Taeyoung E&C		Steel Frame Parking Lot	Gyeongsang National University Hospital
	Sanggye Jangam Area (TOX COLOR)	HANSHIN E&C Co., Ltd.		Hallyeohaesang Yeonhwa Parking Lot	Korea National Park Service ,
	Umyeon District B Area (TOX COLOR)	Taeyoung E&C		Public Parking Lot	Uijongbu City Hall
	Shinjung 3 Area 3 Complex (TOX COLOR)	Poong Lim Industrial Co., Ltd.		Underground Parking Lot Construction	ChonbukNationalUniversityHospital
SH	Asan New City STX KAN Apt.	STX E&C		LG Display P10 Roof	Subone
Housing	Gimpo Pungmu Traders	SHINSEGAE E&C		Vietnam Ho Chi Min White Goods	Samsung Engineering Co., Ltd.
Basement	Pohang Chogok Area	Kyeryong Construction & Industrial Co., Ltd.		Vietnam Ho Chi Min White Goods	Cheil Industries Inc.
Garage	Bongseon-ro Namhae Honnete Apt.	NamHae Construction Co., Ltd		Samsung Engineering Co., Ltd. PyeongTaekFactory	iMarketKorea Inc.
	Hanam Union City Aileen's Garden Apt.	IS DONGSEO Co., Ltd.	Factory	Ulsan Free Port District	Ministry of Knowledge Economy
	Paju Unjeong Area Jugong Apt.	Nam Yang Corporation		Paju LCD Products Warehouse	Subone
	Daegu Chilsung Jugong Apt.	Nam Yang Corporation		Paju Philips LCD P6, P7, P8, P9	GS E&C
	Osan Cheongho Jugong Apt.	Nam Yang Corporation		Yongin DongbaekAartment Type Factory	Daewoo E&C
	Busan Songjung 2 Area	KEANGNAM ENTERPRISES., Ltd.		Gwangyang 5 Sintering Factory	POSCO E&C

SEXTRA DECK Actual Constructions

classification	construction name	owner	classification	
	Hanam Pungsan Apartment Type Factory	Byuck San E&C Co., Ltd		
	Gasan-dong BYC Apartment Type Factory	BYC E&C		
	Osong Bio-Health Science Park	Hyundai E&C Co., Ltd		
	Crown Confectionary Factory	Poong Lim Industrial Co., Ltd.		
	Lotte Rope Factory	Lotte E&C		
	Semes Cheonan Factory	Samsung Engineering Co., Ltd.		
	Kia Motors Assembly 3H Plant	Hyundai Amco		
F .	Saehan Gumi Factory	Hyundai E&C Co., Ltd		
Factory	Nongshim Noksan Factory	Samsung Engineering Co., Ltd.		
	Hyundai Motor Company Uijang1 Factory	Hyundai Amco		
	Royal & Company Hwangsung Factory	STX E&C		
	Yulchon Free Trade Area	Ministry of Trade, Industry and Energy		
	Donghae Free Trade Area Institute	Ministry of Knowledge Economy		
	Daily Waste Intermediate Treatment Facility	Gyeonggi-do Ansan-si		
	Clinical Trial New Drug Production Center	Osong Medical Innovation Foundation		
	Construction Material Warehouse and Repair Garage	Seoul-si Dobong-gu		
	Busan Global Tech Biz Center	Busan-si Construction Headquarters		
	Hwasung Dongtan 11 Middle School	Gyeonggi Urban Innovation Corporation		
	Namyang 3 Elementary School Building Gyeonggi-do Hwaseong Osan Office of Education		Educational	
	Sangsin 2 Elementary School Building	Gyeonggi-do Hwaseong Osan Office of Education	Facility	
	Educational-Industrial Cooperation Study Building	Seoul National University of Science and Technology		
	Sodam kindergarten	lam kindergarten Sejong - si Office of Education		
	Sukjun Elementary School Building Jeollanamdo Office of Education			
	Bangchuk High School Gyeonggi Office of Education			
	Haknam High School New Building Construction	Gyeonggi Office of Education	1	
	Korea National University of Welfare	Korea National University of Welfare		
Educational	Gyeonggi Office of Education North Office	Gyeonggi Office of Education		
Facility	Jeonbuk Innovation Elementary School	JeollabukdoOfficeofEducation		
	Chungcheongnamdo Office of Education	Chungcheongnam-do Office of Educati		
	Wonju Girl's High School	Gangwon-do Office of Education		
	Korea Polar Research Institute Study-based Facility	Korea Ocean Research & Development Institute		
	Jeju International School	Jeju-si Office of Education		
	Agency for Defense Development	Agency for Defense Development		
	Gunsan Pureunsol Elementary School, Michang Elementary School	Gunsan-si Office of Education		
	Gwangju Natural Science High School	Gwangju-si Office of Education		
	Mokpo Buju Middle School	Mockpo-si Office of Education		
	Younggwang Jungang Elementary School	Yeonggwang-si Office of Education		
	Namyang Institute Electronic Development Building	Hyundai Amco		

	construction name	
	Amore Pacific 2 Study Building	Daelim Industrial Co., Ltd.
	SK Chemical Laboratory	SK E&C
	Hyowon Culture Center	Pusan National University
	Ewha Womans University Engineering Building	Ewha Womans University
	Hyundai Motor Company Namyang Laboratory	Hyundai Amco
	Korea Information & Communication Polytechnic College Main Building	Samsung Heavy Industries Co.,Ltd.
	POSTEC Digital Library	POSCO E&C
	Forest Double Use Support Laboratory	Korea Forest Service
	Banwol 2 Elementary School	Hwaseong Osan Office of Education
	Incheon Dodam Elementary School	Incheon Metropolitan Office of Education
	Sejong Eutteum First School	Sejong - si Office of Education
	Central Officials Training Institute	Ministry of the Interior and Safety
	Education Facility	Presidential Security Service
	Boeun Eastern industrial Complex Education Center	Chungcheongbuk-do Boeun-gun
	Public Good Service Member Education Center	Military Manpower Administration
	Cheonggye Kindergarten	Gyeonggi-do Hwaseong Osan Office of Education
	Incheon Manwol Middle School	Incheon Metropolitan Office of Education
	Sejong Onbit First School	Sejong - si Office of Education
1	Sejong Garak First School	Sejong - si Office of Education
	Sejong Olmang First School	Sejong - si Office of Education
	Sejong Gowoon First School	Sejong - si Office of Education
	Sejong Duru First School	Sejong - si Office of Education
	Sejong Minmaru First School	Sejong - si Office of Education
	Extension of Sehwagwan	Sejong - si Office of Education
	Biological Nature Building No. 3 New Building Construction	Gyeongnam National University of Science and Technology
	Daebul Industrial Education Fusion Center	Mokpo National University
	Chungbuk Physical Education High School	Chungcheongbuk-do Office of Education
	Saemangeum New Regeneration Energy Characteristic Hall	Kunsan National University
	Humanities and Social Science Building	Gwangju National University of Education
	Science High School, School for the Gifted	Gwangju-si Office of Education
	Haenam High School, Wando High School New Building Construction	Jeollanamdo Office of Education
	Mokpo Yeoungsan Elementary School	Mokpo-si Office of Education
	Geumcheon Elementary School	Naju-si Office of Education
	Daegu National Forensic Service	Ministry of the Interior and Safety,
	velopment Institute New Building Construction	MIFAFF
	Dech Purchase	Korea Astronomy and Space Science Institute
	Solar Cell Technology Complex Support Center	Chungbuk Techno Park
	Future Fusion Technology Center	Chungbuk Techno Park

SEXTRA DECK Actual Constructions

classification	construction name	owner	classification	construction name	owner
	Complex Education Culture center	Gyeonggi-do Ansan-si		Icheon Asian Game Gyeyang Stadium	Taeyoung E&C
	Western Sea Maritime Cultural Heritage Storage Building	National Research Institute of Maritime Cultural Heritage		Icheon Asian Game Main Stadium	Hyundai E&C Co., Ltd
	Gimhae Jangyu Complex Culture Center	Gimhae Urban Innovation Corporation		Cheonan Waterpark	Korea Development Corp
	Gwangju Convention Center	Korea Hydro & Nuclear Power Co. Ltd.		Century Club 21 House	Gangsan Construction
	Marine Biodiversity institute of Korea	Ministry of Land, Transport and Maritime Affairs		2002 Asian Geumjung Stadium	Hyundai E&C Co., Ltd
	Daegu National Science Museum	Ministry of Education and Science Technology(MEST)		Choansan Indoor Badminton Court	Seoul-si Dobong-gu
	Yeosu Expo International Hall	Daelim Industrial Co., Ltd.	Sports	Nammyun Yongha Weightlifting Warm-un	Yanggu-gun
	An-Dong Culture & Arts Center	Dongbu Corp.	Facility	Suwon Sports Complex Sports Training	Suwon-si
	National Museum of Baekje History	Hanjin Heavy Industries Co., Ltd.		Jecheon Disabled Sports Center	Jecheon-si
	Daejun Korean Traditional Music Hall	Daejeon Construction Headquarters		JEONJU NATIONAL UNIVERSITY OF	leoniu National University of Education
	Yangjae 2-dong Community Service Center	Seoul-si Seocho-gu		EDUCATION SPORTS CENTER	Ministry of National Defense
	Pyeongtan Myeon Office	Hwaseong-si		Gayang Reservoir Complex Culture	
	Osan Segyo Community Welfare Center	Osan-si		Center	Gangseo-gu
	Busan National Science Museum New Building Construction	Ministry of Education and Science Technology (MEST)		Gu Sports Center	Ulsan-si Dong-gu
	Yanggu Waterside Theme Park	Yanggu-gun		Projects	Foundation
	Geuman Library	Osan-si		Eunpyeong St. Mary's Hospital	SHINSEGAE E&C
Cultural	Icheon Democracy Park	Icheon-si		Extension of Children's Hospital Samsung Development Center	Seoul Metropolitan Infrastructure Headquarters
Facility	Songdo Complex Culture Facility	Incheon-si		Integrated Medical Center	Jangheung-gun
	Daejeon Culture and Art Center	Office of infrastructure Management Daejeon Metropolitan City		Gyeongsang National University Hospital Rheumatism Center	Gyeongsang National University Hospital
	Senior Welfare Center Construction	Gongju-si		Osong Core Research Facility	Osong Medical Innovation Foundation
	Daegaya History Theme Tourist Site	Goryeong-gun	Medical	Daejun Rehabilitation Hospital	Chungnam National University Hospital
	Mysterious Sea Road Experience Hall	Jindo-gun	Facility	Ulsan University Hospital	Hyundai E&C Co., Ltd
	Chungbu - Kwon Civil Disaster Training Center	Cheonan-si		Ulsan Science University Hospital	Hyundai E&C Co., Ltd
	Gumi-si Private Crematorium	Gumi-si		Biomedical Study Support Center	Chonnam National University Hospital
	Food & Agriculture Officials Training Institute	MIFAFF		Osong Advanced Medical Care Industry	Osong Medical Innovation Foundation
	National Youth Healing Center	Ministry of Gender Equality & Family(MOGEF) ,		Incheon Hospital	Korea Workers' Compensation &
	Yeongcheon National Cemetery	The Ministry of Patriots & Veterans Affairs		Extension of Incheon Workplace	Incheon Workplace Accident
	Korean Classic Music Experience Village	Yeongdong-gun		New Seocheon Thermoelectric Power	Hyundai E&C Co., Ltd
	Culture Center	Jung-gu		Goduk Substation Civil Engineering and	Korea Electric Power Corp.
	National Education Training Institute	National Education Training Institute		Construction	Korea East-West Power
	Children Sensitivity Play Facility	Namyangju-si Urban Innovation Corporation		Voong Houng Thermal Dower Plant E. 6	Corporation (EWP)
	Liquor Theme Musium	Wanju-gun Agricultural Technology Center	Common	Usides a Theresel Development 7.0	Doosan Heavy Industries &
	Wonju Food Complex Center	Agricultural Technology Center	and	Hadong Thermal Power Plant 7,8	Construction Co., Ltd.,
	National Health Insurance Corporation Training Institute	National Health Insurance Corporation	Other Facility	Paju 345KV Substation	65 E&C
	Gangneung Speed Skating Stadium	Gangwon-do		Plant	Samsung C&T Corporation
Sports	Suwon Gymnasium	Suwon-si		Sangam MBC New Office Building	Hyundai Development Company
Facility	Okcheon Shooting Range	Incheon-si		SBS Mokdong Office Building	Taeyoung E&C
	Icheon Disabled Sports Complex Training Center	Korea Paralympic Committee		MBC Ilsan Dream Center	SK E&C

(Ministry of Commerce Indust

(Dublic Drocuroment Convice

〈Small Giants Company Appointment〉

〈Japan Construction Performance Evaluation〉

(Human Resource SMEs and Startups Appointment)

♦ VOIDDECK Actual Constructions

Hang-dong district 8th complex APT Parking lot / Gross Area 15,000m²

Yongin-si Guseong Knowledge industry center B3~F10 /Gross Area 8,000m²

Air Busan New company building B1~F10 /Gross Area 5,000m²

Busan Happy united dormitories F2~15 / Gross Area 20,000m²

Dongtan New Town Knowledge industry center F2~17 /Gross Area 25,000m²

Porsche Center Bundang branch office B2~F5 / Gross Area 7,000m²

Site name	Constructor	Application Type	Slab Thickness (mm)
Gwanyang-dong Company building	Singun E&C	VD2-TYPE	400
Bujeon-dong YoungGwang Bookstore	KWANGSUNG CONSTRUCTION.INC	VD1-TYPE	300
Hang-dong district 2nd complex APT Parking lot	Kyeryong Construction Industrial Co., LTD	VD2-TYPE	250, 450
Gasan-dong Knowledge industry center	LOTTE ENGINEERING & CONSTRUCTION	VD2-TYPE	350~450
Incheon Munil Girl's High School	HongYong E&C	VDS-TYPE	250
Cheongju g-well City Prugio	DAEWOO ENGINEERING & CONSTRUCTION CO. LTD	VD2-TYPE	350~450
Hang-dong district 8th complex APT Parking lot	DAEBO ENGINEERING & CONSTRUCTION	VD2-TYPE	250, 450
Dongtan New Town Knowledge industry center	POSCO E&C	VD2-TYPE	250~400
Air Busan New company building	KUMHO E&C	VD2-TYPE	250~400
Busan Happy united dormitories	DONGWON CONSTRUCTION INDUSTRY	VD2-TYPE	250
Yongin-si Guseong Knowledge industry center	POSCO E&C	VD2-TYPE	250~500
Porsche Center Bundang branch office	Asone E&C	VD2-TYPE	300
Munjeong-dong Business facility	POSCO E&C	VD1-TYPE	400
Pyeongtaek-si Anjeong-ri Office hotel	PARADISE GLOBAL CONSTRUCTION	VD2-TYPE	350
Namyangju-si Paik Hospital	KD Construction	VD2-TYPE	400
Zalman Tech Seoksu smart town New company building	EE-HWA CONSTRUCTION CO., LTD	VD1-TYPE	300
Han-dong C-Tower	Tracon Development	VD1-TYPE	250
720-9, Yeoksam-dong, Business facility	Jaejin E&C	VD1-TYPE	250
708-32, Yeoksam-dong, Business facility	Janghak E&C Co., Ltd	VD1-TYPE	2580
Gyeryongdae Military police, Navy Military bnd	S-Cube	VD1-TYPE	550
Cheonwang-dog Hanbit church	Huram E&C	VD1-TYPE	250, 550
Seon-biotech Jeonui industrial complex plant	Nuri E&C	VD1-TYPE	300
Sinjeong-dong Doosan We've	Doosan Engineering & Construction Co., Ltd	VD1-TYPE	300
President Hotel underground parking lot	S-Cube	VD1-TYPE	350
KEPCO Jeju-si substation	S-Cube	VD1-TYPE	350
KEPCO Seogwipo-si sub station	S-Cube	VD1-TYPE	350

Certificate and Patent regarding VOIDDECK

Patent regarding VOIDDECK

Patent Name	Registration No.
Light weight molded assembly and light weight slab structure for fixing on T-type deck plate	Paten No. 10-0936593
A method on the Structure and Construction Method of hollow slabs using hollow members for DECK PLATE	Paten No. 10-0779900
Buoyancy prevention device of hollow slabs with fastening	Paten No. 10-1522257
Modified Buoyancy Prevention Structure of Light-weight parts	Paten No. 10-1569707
One-touch buoyancy prevention device for hollow slabs	Paten No. 10-1321917
Half-slab with hollow structure and its construction methods	Paten No. 10-0643844
Methods of fabrication of half slabs and their embedded hollow members	Paten No. 10-0666610
Methods of fabrication of half slabs with hollow structures	Paten No. 10-0644139
VOIDDECK trademark registration	40-0849411

SWINHI_BEAM Actual Construction

Baegot Avenuefrance

Suwon gwanggyo Hill State Constructor : Hyundai E&C

	STISLIUCIOF - HOBAN CONSULUCION		
Construction Name	Region	Construction Company	Note
the new construction on Samsung Electronics Tangjeong LCD Valley	Tangjeong-myeon, Asan-si	Samsung C&T	
the new construction on Gasan-dong High Hill	Gasan-dong, Geumcheon-gu	Halla Corporation	
the new construction on Samsung Electronics Display	Asan, Chungnam	Samsung C&T	
the new construction on Yonsei University Cancer Center	Sinchon-dong, Seodaemun-gu	Lotte E&C	
the new construction on Hanwha Avison Center	Sinchon-dong, Seodaemun-gu	Hanwha E&C	
the new construction on Sacheon Korea Aviation	Sacheon-eup, Sacheon-si	POSCO Engineering	
the new construction on Daewoo Seocho Prugio Summit	Seocho-dong, Seocho-gu	Daewoo E&C	
the new construction on Daewoo Yongsan Hotel	Hangang-ro, Yongsan-gu	Daewoo E&C	
the new construction on Magok District B4-2BL	Magok, Gangseo-gu	Lotte E&C	
the new construction on LG Science Park DP2	Magok, Gangseo-gu	GS E&C	
the new construction on LG Science Park 2-cha site	Gwangyang-eup, Gwangyang- si	SERVEONE, DAELIM Industrial	
the new construction on Gimpo Hegarden Apt. Ab-12BL	Unyang-dong, Gimpo-si	E Land Construction	
the new construction on Magok Hotel & Officetel	Magok-dong, Gangseo-gu	SERVEONE	
the new construction on Daejeon BMW Repair Center	Yuseong, Daejeon	Kolon Global	
the new construction on Korea Association of Health Promotion, Honam Branch Head Office	Gwangju Metropolitan City	Hanjin Heavy Industries & Construction	
the new construction on Hill State Apt. Gwanggyo Jungang Station	Suwon, Gyeonggi-do	Hyundai E&C	
the new construction on Baegot Avenue France	Siheung, Gyeonggi-do	Hoban Construction	
SK's new construction at Mullae-dong	Mullae-dong, Yeongdeungpo- gu	SK E&C	
SK's new construction at Suwon	Suwon-si, Gyeonggi-do	SK E&C	
the new construction on Ilsan Hallyu World	Ilsan, Gyeonggi-do	Dong-A Construction	
SK's new construction at Hanam	Hanam, Gyeonggi-do	SK E&C	
the new construction on Gwangmyeong subway station areas	Gwangmyeong, Gyeonggi-do	Taeyoung E&C	
the new construction on Anseong Starfield	Anseong, Gyeonggi-do	Shinsegae E&C	
the new construction on Mapo Youth House	Mapo-si, Seoul	E Land Construction	
the new construction on Hyundai Knowledge Industry Center	Hanam, Gyeonggi-do	Hyundai E&C	
the new construction on Daejeon Science Complex	Daejeon Metropolitan City	Shinsegae E&C	

46 BUILDING STRONG FUTURES

Value Creator Creating Unique Solutions & Values!

원하이템

1.

원하이텍

To create differentiation and novelty, the people of Winhitech continue to challenge themselves and keep the fire of passion and innovation under control