



Company Profile

HANVIT TRAY Co., Ltd.

Cable trays (ladder and solid bottom) · Ducts · Fittings · Accessories

KS C 8464

Cable tray certification
No. 25-0066

ISO 9001:2015

Quality management system
ISCQM-3206

CR PosMAC

Products using patented technology
Korean Intellectual Property Office

POSCO

Listed in Electrical Design Standard
Drawings
CR PosMAC Tray 2023.09



Contents

Main document: 18 pages · Product Catalog: separate volume

1. Main document

Page	Title
3	Company overview · Organization chart
4	Production process · Quality certification
5	Materials
6	Material basis · Equivalent-thickness design
7	Structural review
8	Product overview
9	Product range · Accessories
10	CR PosMAC TRAY delivery records
11	Attached documents
17	Contact · References and sources
18	Directions

2. Product Catalog

A-6 Our drawings listed in 2023 · 2024 revision included Separate volume

For drawings and detailed configurations of each product, please refer to the separate Product Catalog.



Company overview · Organization chart

HANVIT TRAY Co., Ltd. · Cable tray and duct manufacturing

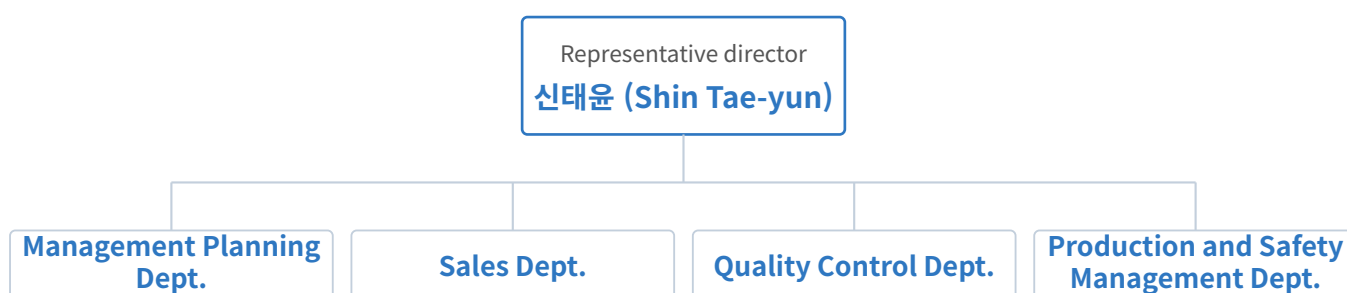
1. General information

Company name	HANVIT TRAY Co., Ltd.
Representative director	신태운 (Shin Tae-yun)
Business registration no.	299-86-01224
Head office / factory	11 Deokjang-gil, Heunghae-eup, Buk-gu, Pohang-si, Gyeongsangbuk-do, Republic of Korea
Incorporated	2019.07
Business activities	Cable tray and duct manufacturing / Metal fabrication / Production design / Import and export
Factory site area	4,711 m ²

2. History

2019.07	HANVIT TRAY Co., Ltd. incorporated
2023.09	Drawings using patented technology listed in POSCO Electrical Design Standard Drawings
2024.08	ISO 9001:2015 certification
2025.03	KS C 8464 certification (No. 25-0066)

3. Organization chart



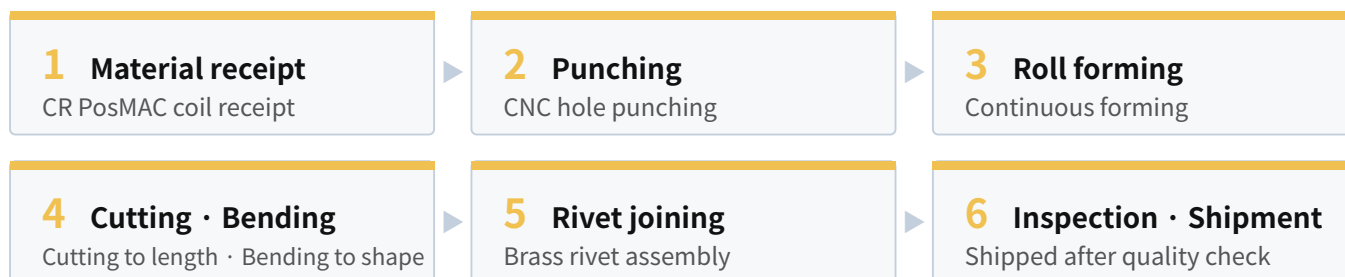


Production process · Quality certification

Process flow · Production base · Certifications and registrations

1. Process flow

We handle every step, from material receipt to shipment, on our own production lines.



2. Production base

Production Integrated in-house production	Equipment 28 types, 34 units	Incoming power supply 300KVA	Factory site area 4,711 m²
---	--	--	---

Presses	Roll forming	Cutting · Bending	Cranes · Handling	Power supply · Compressed air
8 units	2 units	12 units	4 units	5 units

3. Certifications and registrations

Name	Number	Issuing / listing body
KS C 8464 Ladder and solid-bottom cable trays.	No. 25-0066	Korean Standards Association (KSA)
ISO 9001:2015 / KS Q ISO 9001:2015	ISCQM-3206	International Standard Certification (KAB accredited)
Cable tray drawings using patented technology CR PosMAC products using patented technology.	No. 10-1746130	Korean Intellectual Property Office
Listed in POSCO Electrical Design Standard Drawings Drawings for our CR PosMAC products using patented technology were added in the September 2023 revision of POSCO Electrical Design Standard Drawings, effective 2023.09.18. They serve as reference drawings for POSCO engineering cost estimation.	CR PosMAC	POSCO



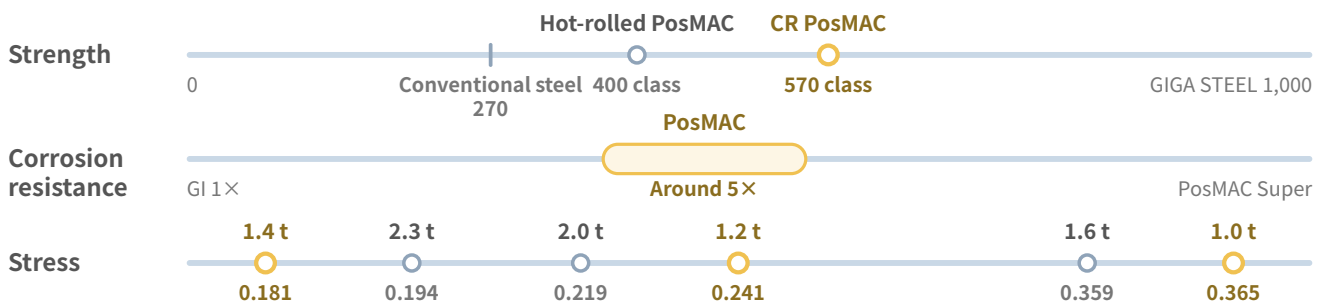
Materials

Available in CR PosMAC · PosMAC · SUS

1. Material lineup

Materials	Application
CR PosMAC	Cold-rolled, highly corrosion-resistant alloy-coated steel sheet (Zn-Mg-Al). Products using patented technology · items listed in POSCO Electrical Design Standard Drawings.
PosMAC	Hot-rolled corrosion-resistant alloy-coated steel. A broad thickness range for large sections and medium-to-heavy loads.
SUS	Stainless steel sheet for applications requiring high corrosion resistance. Grade and thickness are specified per order.

Support materials (brackets · channels) — HOT GI



Strength = based on tensile strength (TS); Corrosion resistance = compared with GI at the same coating mass · flat-surface basis;
Stress = utilization relative to the allowable limit (allowable 1.0) · displayed range 0.15 ~ 0.40 (2021 structural review report)

2. Mechanical properties — Minimum guaranteed values

Materials	Yield YP (MPa)	Tensile TS (MPa)
CR PosMAC	500 or higher	570 or higher

3. Corrosion resistance

Around 5× vs GI vs ordinary hot-dip galvanized steel (GI), same coating mass · flat-surface basis

4. Coating comparison — PosMAC · GI · Galvalume

Item	PosMAC	GI	Galvalume
Flat-surface corrosion resistance	◎	△	◎
Cut-edge corrosion resistance	◎	△	×
Chemical resistance	◎	△	△



Material basis · Equivalent-thickness design

Why cold-rolled — measured ranges and equivalent thickness

1. Why we use cold-rolled (CR) steel

A cable tray is a structural member that carries both its own weight and the cable load. With a higher yield strength, the same performance can be achieved with a thinner sheet, and a thinner sheet reduces both steel usage and dead load.

CR yield strength ≥ 500 MPa vs **HR yield strength ≥ 295 MPa**

CR's specified minimum guaranteed yield strength is about 1.7 times that of HR, supporting equivalent-thickness design.

Hot-rolled PosMAC has a broad thickness range and is used for large sections and medium-to-heavy loads.

2. Inspection certificate measurements — approximate ranges

Item	Minimum guaranteed	Measured on received material
Yield strength YP	≥ 500 MPa	545 ~ 595 MPa
Tensile strength TS	≥ 570 MPa	618 ~ 651 MPa
Elongation EL	≥ 8 %	21 ~ 25 %
Coating bend test	3T	All items Good

3. Equivalent-thickness design — about 40% reduction in steel usage

Thickness comparison against equivalent hot-rolled PosMAC.

Cold-rolled PosMAC	Equivalent hot-rolled PosMAC	Steel usage
1.0 t	1.6 t	– 37.5 %
1.2 t	2.0 t	– 40.0 %
1.4 t	2.3 t	– 39.1 %

Calculation basis — ratio of specified minimum guaranteed yield strengths (500 / 295 MPa) · thickness ratio.
Equivalent on a yield-strength basis; deflection (stiffness) is assessed with respect to support spacing.



Structural review

Stress ratios by equivalent-thickness pair

Stress ratio by thickness

Thickness-by-thickness assessment by an independent structural engineer. All thicknesses assessed met the structural safety requirements.

Pairs follow the equivalent-thickness design based on the ratio of specified minimum guaranteed yield strengths.

Stress ratios are the assessed values for each thickness. Bar = utilization relative to the allowable limit (1.0).

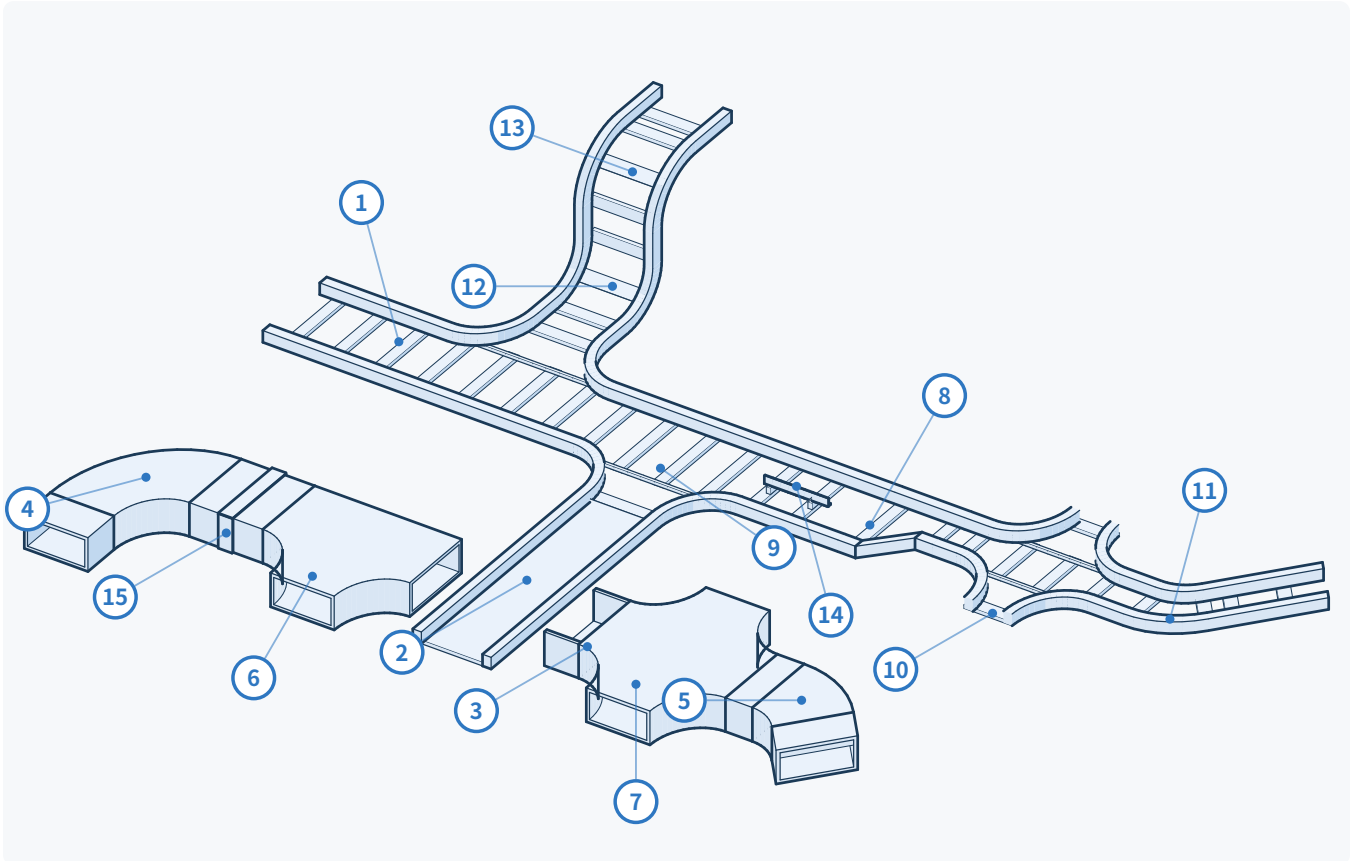
CR PosMAC 570			Hot-rolled PosMAC 400		
Thickness		Stress ratio	Thickness		Stress ratio
1.0 t		0.365	↔	1.6 t	0.359
1.2 t		0.241	↔	2.0 t	0.219
1.4 t		0.181	↔	2.3 t	0.194

1. Source: independent structural engineering firm's report, "Structural Review by Cable Tray Material and Thickness" · 2021.05
2. Conditions: MIDAS Gen · Design load 1.5 kN/m² (KS C 8464:2016) · Automatic self-weight calculation · Assessed member: rung (600 mm tray width)
3. Material strengths are based on the mill certificates used at the time of the assessment.
4. The stress ratio is utilization relative to the allowable limit; values below 1.0 satisfy that limit. A lower value does not imply superiority over another thickness.
5. Values may vary with coating mass even within the same grade.

PRODUCT LINEUP

Product overview

Straight sections · Ducts · Fittings · Accessories — concept diagram



Components

Materials CR PosMAC · PosMAC · SUS

- | | |
|---|---|
| <p>1 Ladder tray straight section
Ladder Tray</p> <p>2 Solid-bottom tray straight section
Solid Bottom Tray</p> <p>3 Duct straight section
Duct</p> <p>4 Duct horizontal elbow
DUCT HOR' ELBOW</p> <p>5 Duct horizontal elbow 45°
DUCT HOR' ELBOW 45'</p> <p>6 Duct horizontal tee
DUCT HOR' TEE</p> <p>7 Duct horizontal cross
DUCT HOR' CROSS</p> <p>8 Reducer (left-hand · right-hand)
REDUCER(LEFT) · (RIGHT)</p> | <p>9 Horizontal tee
HOR' TEE</p> <p>10 Horizontal cross
HOR' CROSS</p> <p>11 Horizontal elbow 45°
HOR' ELBOW 45'</p> <p>12 Vertical outside elbow (OUT)
VER' ELBOW OUT</p> <p>13 Vertical inside elbow (IN)
VER' ELBOW IN</p> <p>14 Separator · Separator clamp
SEPARATOR 3.0M · SEPA' CLAMP</p> <p>15 Cover band
COVER BAND</p> |
|---|---|

※ Conceptual arrangement of representative products.

※ For the list of fittings and accessories, see the “Product range · Accessories” page.



Product range · Accessories

Cable trays (ladder and solid bottom) · Ducts · Fittings · Accessories

1. Straight sections

Ladder Tray

KS C 8464 certified item

Applications

Electrical rooms · Plants · Industrial facilities

Key features

Excellent ventilation and heat dissipation; high cable capacity

Listing

Listed in POSCO Electrical Design Standard Drawings

Solid Bottom Tray

KS C 8464 certified item

Applications

Outdoor and exposed environments · Dust-prone areas

Key features

Protection from external dust and falling water; cable protection

Listing

Listed in POSCO Electrical Design Standard Drawings

2. Common specifications

Standard	KS C 8464 (ladder · solid-bottom)
Standard length	3.0 m
Joints	Straight connector types · Bolted connection
Grounding	Bonding jumper connection holes

3. Fittings and accessories

Category	Items
Direction changes	HOR' ELBOW · HOR' ELBOW 45' · HOR' TEE · HOR' CROSS
Vertical transitions	VER' ELBOW IN · VER' ELBOW OUT · VER' ELBOW IN 45' · VER' ELBOW OUT 45'
Width transitions	REDUCER(LEFT) · REDUCER(RIGHT)
Connections	JOINT CONNECTOR · RISER CONNECTOR · DUCT CONNECTOR
Separation · Fastening	SEPARATOR 3.0M · SEPA' CLAMP · HOLE DOWN CLAMP
Finishing	COVER BAND · END CAP · BLIND END
Grounding	G.B.JUMPER(KIV)

Available sizes — COVER BAND · DUCT CONNECTOR · END CAP (3 types) — 100W×100H ~ 1000W×200H, all 30 sizes



CR PosMAC TRAY delivery records

2023.04 ~ 2026.07 · 54 delivery records

1. Delivery details

The delivery location is the site where the materials were installed; it does not indicate an ordering or contractual relationship. Project and site names follow the original delivery statements.

Delivery	Client	Project	Delivery location
2023.04	Migwang Gyejeon	Nos. 3 & 4 Sintering COVER BAG FILTER	Pohang Steelworks
2023.04	POSCO PLANTEC	New No. 6 coke plant — electrical works for chemical processing	Pohang Steelworks
2023.05	POSCO E&C	New electrical steel plant, Phase 1	Gwangyang Steelworks
2023.05	POSCO PLANTEC	New electrical steel plant, Phase 1	Gwangyang Steelworks
2023.06	POSCO E&C	Gwangyang high-purity nickel refining project	Gwangyang Steelworks
2023.07	Geoyang Engineering	Gwangyang high-purity nickel refining project	Gwangyang Steelworks
2023.08	Umin Jeongi	Gwangyang high-purity nickel refining project	Gwangyang Steelworks
2023.09	Jinseong Jeongi	Gwangyang high-purity nickel refining project	Gwangyang Steelworks
2023.09	POSCO E&C	New No. 6 Coke Plant	Pohang Steelworks
2024.01	Gyeongil Engineering	Pohang Blue Valley Industrial Complex new anode material plant	Pohang Blue Valley Industrial Complex
2024.01	Emeseutek	Yeongil Industrial Complex new oxygen plant	Yeongilman Industrial Complex
2024.01	Wonil Gyejeon	Pohang Blue Valley Industrial Complex new anode material plant	Pohang Blue Valley Industrial Complex
2024.01	POSCO E&C	Pohang No. 2 Hot Rolling reheating furnace, stage 4-1	Pohang Steelworks
2024.02	Geoyang E&C	Pohang high-purity nickel refining	Gwangyang Steelworks
2024.03	Kumyang Green Power	Pohang No. 2 Sintering control room	Pohang Steelworks
2024.03	Seongmu Jeollyeok	Pohang chemical plant water treatment facility	Pohang Steelworks
2024.04	POSCO E&C	Yulchon brine lithium Phase 2	Yeosu Yulchon Industrial Complex
2024.05	Geoho Gijeon	Pohang No. 2 Continuous Casting rationalization	Pohang Steelworks
2024.05	POSCO PLANTEC	Gwangyang No. 2 Blast Furnace slag granulation facility	Gwangyang Steelworks
2024.07	POSCO E&C	Pohang No. 4 Blast Furnace 3rd relining	Pohang Steelworks
2024.08	POSCO E&C	Pohang Yangso raw material yard enclosure	Pohang Steelworks
2024.09	Dongyang Yeonhap Eng.	Incheon Asiad No. 2 facility	Incheon Asiad Stadium
2024.11	POSCO E&C	Electric furnace power supply and distribution	Gwangyang Steelworks
2024.12	Daeung Gijeon	Pohang Injae Changjowon extension	Jigok-dong Pohang Campus
2024.12	POSCO DX	Gwangyang LNG Terminal 2, 154KV	Gwangyang Steelworks
2024.12	POSCO E&C	Gwangyang No. 2 Blast Furnace 2nd relining	Gwangyang Steelworks
2024.12	POSCO PLANTEC	Gwangyang No. 2 Blast Furnace 2nd relining	Gwangyang Steelworks
2025.01	Daeho Jeonseol	Gumi Toray Plant No. 5 expansion	Gumi Industrial Complex 5
2025.01	Daejo Jeonseol	Gumi Toray Plant No. 5 expansion	Gumi Industrial Complex 5
2025.01	POSCO E&C	Gwangyang new incoming substation	Gwangyang Steelworks
2025.01	POSCO PLANTEC	Yeongilman Industrial Complex industrial gas TF	Yeongilman Industrial Complex
2025.02	POSCO PLANTEC	Pohang smart enclosure	Pohang Steelworks
2025.04	POSCO E&C	Pohang No. 3 FINEX partial refurbishment	Pohang Steelworks
2025.05	POSCO E&C	Gwangyang new No. 1 Electric Furnace	Gwangyang Steelworks
2025.06	POSCO PLANTEC	Yeongilman Industrial Complex industrial gas TF	Yeongilman Industrial Complex
2025.09	POSCO E&C	Gwangyang No. 2 Continuous Caster rationalization works	Gwangyang Steelworks
2025.11	POSCO PH Solution	Coke plant maintenance	Pohang Steelworks
2025.11	POSCO E&C	Pohang No. 2 Hot Rolling reheating furnace rationalization	Pohang Steelworks
2025.11	POSCO E&C	Gwangyang No. 2 Continuous Caster rationalization	Gwangyang Steelworks
2025.12	POSCO E&C	Pohang No. 3 FINEX partial refurbishment	Pohang Steelworks
2025.12	POSCO PLANTEC	Gwangyang No. 2 Blast Furnace 2nd relining	Gwangyang Steelworks
2025.12	POSCO E&C	Gwangyang No. 2 Blast Furnace 2nd relining	Gwangyang Steelworks
2025.12	POSCO E&C	Yulchon brine lithium Phase 2 downstream process	Yeosu Yulchon Industrial Complex
2025.12	POSCO E&C	Gwangyang new No. 1 Electric Furnace	Gwangyang Steelworks
2026.03	POSCO E&C	Gwangyang No. 2 Blast Furnace 2nd relining	Gwangyang Steelworks
2026.03	Gyeongil Engineering	POSCO STEELEON works	POSCO STEELEON
2026.03	POSCO E&C	Gwangyang new No. 1 Electric Furnace	Gwangyang Steelworks
2026.05	POSCO E&C	Gwangyang No. 2 Blast Furnace 2nd relining	Gwangyang Steelworks
2026.05	POSCO E&C	Gwangyang new No. 1 Electric Furnace	Gwangyang Steelworks
2026.05	POSCO PH Solution	Coke plant maintenance	Pohang Steelworks
2026.05	Gyeongil Engineering	Gangneung G6 new building construction	MiCo Ceramics
2026.06	POSCO E&C	Gwangyang No. 2 Blast Furnace 2nd relining	Gwangyang Steelworks
2026.07	POSCO E&C	Gwangyang No. 2 Blast Furnace 2nd relining	Gwangyang Steelworks
2026.07	POSCO E&C	Gwangyang No. 2 Continuous Casting 2nd-phase works	Gwangyang Steelworks



Attached documents

Copies of 4 registration and certification documents

1. List of attachments

Page	Document	Issuing body	Issue date	Validity
12	Business Registration Certificate	Pohang Tax Office	2025.06.17	—
13	Factory Registration Certificate	Korea Industrial Complex Corporation	2026.07.24	—
14	KS Product Certificate KS C 8464	Korean Standards Association	2025.03.12	2028.03.11 Next audit due
15-16	Quality Management System Certificate KS Q ISO 9001:2015 · ISO 9001:2015	International Standard Certification (ISC)	2026.08.02	2027.08.01 Expiry date

2. Notes

- Each document is a copy of the original issued by its issuing body.
- Issue dates and validity dates are the dates stated on the copies.
- Documents with a validity period are replaced with the latest copy at the time of submission.
- The latest issued tax payment certificates (national/local tax) are attached separately upon submission.

Original document (Korean)

사업자등록증

(법인사업자)

등록번호 : 299-86-01224

법인명(단체명) : 주식회사 한빛트레이

대표자 : 신태윤

개업연월일 : 2019년 07월 11일 법인등록번호 : 171711-0148469

사업장소재지 : 경상북도 포항시 북구 흥해읍 덕장길 11

본점소재지 : 경상북도 포항시 북구 흥해읍 덕장길 11

사업의종류 : **업태** 제조업
도매 및 소매업
도매 및 소매업
부동산업
부동산업
서비스업

종목 케이블트레이 및 닥트류
케이블트레이 및 닥트류, 금속가공 및 철강재
케이블트레이 및 닥트류, 금속가공제품 수출입
주거용 건물 임대업
비주거용 건물 임대업
케이블트레이 및 닥트류 생산설계 및 제작

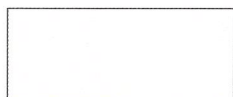
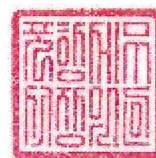
발급사유 : 부업종정정

사업자단위과세적용사업자여부 : 여() 부(✓)

전자세금계산서전용전자우편주소 :

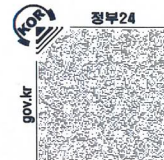
2025년 06월 17일

포항세무서장





문서확인번호: 1784-8838-7108-6997



공장등록증명(신청)서

접수번호	2026072452396199001	접수일	2026.07.24	처리기간	즉시
------	---------------------	-----	------------	------	----

신청인	회사명 (주)한빛트레이	전화번호
	대표자 성명 신태윤	생년월일(법인등록번호) 171711-0148469
	대표자 주소(법인 소재지) 경상북도 포항시 북구 흥해읍 덕장길 11	

등록 내용	공장 소재지 경상북도 포항시 북구 흥해읍 덕장길 11 외 1 필지	지목 대	보유구분 자가 [O], 임대[]
	공장 등록일 1997년 06월 04일	사업 시작일 2014년 07월 01일	종업원 수 남 :5 여 :2
	공장의 업종(분류번호) 그 외 기타 금속가공업(25929)		
	공장 부지 면적(㎡) 4711.000	제조시설 면적(㎡) 1534.060	부대시설 면적(㎡) 115.200

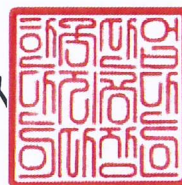
등록 조건	조건 : 해당없음
-------	-----------

등록변경 · 증설등 기재사항 변경내용(변경 날짜 및 내용)	공장관리번호 450718100551800
----------------------------------	---------------------------

「산업집적활성화 및 공장설립에 관한 법률」 제16조제1항 · 제2항 · 제3항에 따라 위와 같이 등록된 공장임을 증명합니다.

2026년 07월 24일

한국산업단지공단이사



◆본 증명서는 인터넷으로 발급되었으며, 정부24(gov.kr)의 인터넷발급문서진위확인 메뉴를 통해 위·변조 여부를 확인할 수 있습니다.(발급일로부터 90일까지) 또한 문서하단의 바코드로도 진위확인(정부24 앱 또는 스캐너용 문서확인프로그램)을 하실 수 있습니다.



인증번호 : 제 25-0066 호

Certificate



제 품 인 증 서

1. 제 조 업 체 명 : 주식회사 한빛트레이
2. 대 표 자 명 : 신태운
3. 공 장 소 재 지 : 경북 포항시 북구 흥해읍 덕장길 11
4. 인 증 제 품 :
 - 가. 표 준 명 : 케이블 트레이
 - 나. 표 준 번 호 : KS C 8464
 - 다. 종 류 · 등 급 · 호 칭 또는 모 델 :

사다리형 : 케이블 트레이 사다리형(ladder tray)

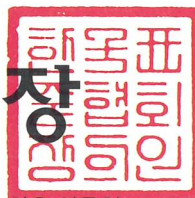
바닥 밀폐형 : 케이블 트레이 바닥밀폐형(solid bottom tray) '끝'.

「산업표준화법」 제17조 제1항에 따른 인증심사를 실시한 결과 한국 산업표준(KS)과 인증심사기준에 적합하므로, 「산업표준화법」 제15조 및 같은 법 시행규칙 제10조 제1항에 따라 위와 같이 한국산업표준(KS)에 적합함을 인증합니다.

2025 년 03 월 12 일



한국표준협회



1. 최초 인증일 : 2025-03-12
2. 차기심사 완료기한 : 2028-03-11
3. 최종 변경일 : 2025-03-12 신규 심사 합격



인증번호. ISCQM-3206

품질경영시스템인증서

주식회사 한빛트레이

경상북도 포항시 북구 흥해읍 덕장길 11

위 회사의 품질경영시스템이 당 인증원의 인증시스템 규정에 의하여
아래 규격과 인증범위에 적합함을 인증합니다.

인증 규격

KS Q ISO 9001:2015 / ISO 9001:2015

인증 범위

케이블 트레이의 제조



QR코드를 스캔하여 업체명을
검색하시면 인증 유효성을
확인하실 수 있습니다.

최종발급일자
2026. 08. 02

최초인증등록일자
2024. 08. 02

본인증서유효만료일자
2027. 08. 01

갱신만료일자
2027. 08. 01



KAB-QC-28

국제표준인증원



위 KAB마크는 한국인증지원센터(KAB)으로부터 품질경영체 인증기관으로 인정 (인정번호:KAB-QC-28) 되었음을 나타내는 인정마크입니다.

21069 인천광역시 계양구 오조산로45번길 12, 804호 (계산동,유연프라자) TEL:032)552-1205



Certification No. ISCQM-3206

Quality Management System Certificate

HANVIT TRAY Co., Ltd.

11 Deokjang-gil, Heunghae-eup, Buk-gu, Pohang-si, Gyeongsangbuk-do, Korea

This is to certify that the Quality Management System of the above company is appropriate to the standard and the scope listed below, in accordance with registration system provision of this certification body.

Certification Standard :

KS Q ISO 9001:2015 / ISO 9001:2015

Certification Scope :

The Manufacture of Cable Tray



You can check the validity of the certification by scanning the QR code and searching the company name.

LATEST ISSUE

02 AUGUST 2026

EXPIRY DATE

01 AUGUST 2027

INITIAL CERTIFICATION

02 AUGUST 2024

RE-CERTIFICATION BEFORE

01 AUGUST 2027



Gil Youngseok

International Standard Certification Co., LTD
Authorised Signatory

The accreditation mark indicates that ISC has been accredited as one of certification bodies (NO. KAB-QC-28) for ISO9000 by KAB.

804ho, 12, Ojosan-ro 45beon-gil, Gyeyang-gu, Incheon, Korea

TEL. +82-32-552-1205



Contact · References and sources

HANVIT TRAY Co., Ltd. · Pohang, Gyeongsangbuk-do — citation conditions · standard codes · list of sources

1. Contact details

Company name	HANVIT TRAY Co., Ltd.
English company name	HANVIT TRAY Co., Ltd.
Address	11 Deokjang-gil, Heunghae-eup, Buk-gu, Pohang-si, Gyeongsangbuk-do, Republic of Korea (postcode 37531)
Telephone	054-262-5383
Fax	054-262-1970
Email	sales@hvtray.com · m5382@korea.com

2. References · Sources

1. Material performance · Corrosion resistance figures

POSCO PosMAC catalog — coating layer composition · minimum guaranteed values · coating mass · applications.

Corrosion resistance multiples are relative to ordinary hot-dip galvanized steel (GI), on a flat-surface basis.

Test conditions — salt spray SST (ISO 9227 · 5% NaCl · 35°C) · cyclic corrosion CCT (ISO 14993).

Cut-edge protective film — initial red rust → dissolution of the upper coating layer → coverage of the cut edge. The main corrosion product is simonkolleite $\text{Zn}_5(\text{OH})_8\text{Cl}_2 \cdot \text{H}_2\text{O}$.

2. Material standards

CR PosMAC (cold-rolled): KS D 3030 alloy-coated steel sheet · 570 class · based on specified minimum guaranteed values.

PosMAC (hot-rolled) · HOT GI (support materials) — based on specified minimum guaranteed values.

“Similar standard” entries in the catalog indicate a correspondence only, not equivalence.

3. Coating composition

CR PosMAC — Zn-Mg-Al ternary alloy. Composition ratios depend on the supply lot.

4. Inspection certificate measurements

Measured ranges on the “Material basis” page are based on inspection certificates held by our company (cold-rolled CR PosMAC · POSCO); values vary by lot.

5. Equivalent-thickness calculation

Based on the ratio of specified minimum guaranteed yield strengths (500 / 295 MPa) · thickness ratio. The weight-saving effect appears as a reduction in dead load.

6. Notation

PosMAC® is a registered trademark of POSCO.

Information in this company profile is as of the date of issue (2026. 9).



Directions

Issued 2026. 9.

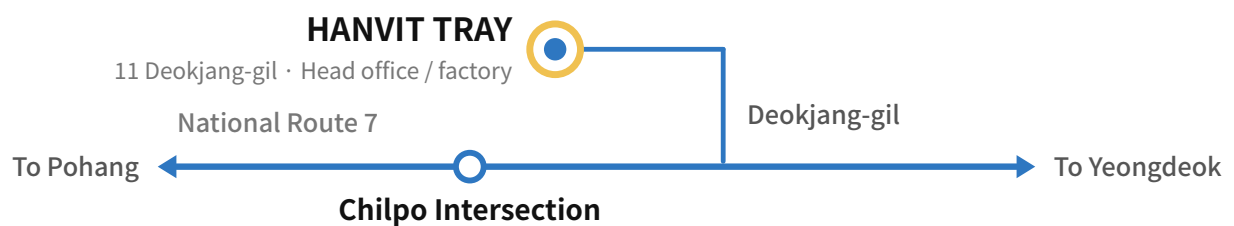
Address · Contact

HANVIT TRAY Co., Ltd.

11 Deokjang-gil, Heunghae-eup, Buk-gu, Pohang-si, Gyeongsangbuk-do, Republic of Korea (postcode 37531)

TEL. 054-262-5383 · FAX. 054-262-1970 · hvtray.com · sales@hvtray.com · m5382@korea.com

Route overview



In your navigation app, search for “한빛트레이” (HANVIT TRAY) or “덕장길 11” (11 Deokjang-gil). Please contact us before visiting.

© 2026 HANVIT TRAY Co., Ltd.

All rights reserved. The contents and images of this document are protected by copyright law. Unauthorized reproduction, republication or distribution is prohibited.

