

KCC Technology for Tomorrow

KCC Paints

- KCC is one of the world's leading manufacturers and suppliers of paints, powder coatings and cathodic protection agents.
- KCC products protect all kinds of plants, ships, buildings, and steel structures from the worst attacks that nature or man can inflict, including wind, rain, extreme heat and cold, pollution, chemicals, and abrasion.
- KCC products also add beauty to the surfaces they protect, providing color, texture, and even practicality.
- KCC is active in every aspect of coatings technology.
- KCC's goal is to provide customers with the best solution for their individual needs.
- Access to responsible and effective technical services around the world.
- KCC has built a reputation for quality, reliability, and friendliness in over 40 countries.

KCC Heavy-Duty Coatings for Plant

- Ideal for use in facilities such as all onshore and offshore plants that can be easily corroded in severe environments.
- KCC has developed a range of outstanding paint systems that can effectively protect these facilities for the long term.



HEAVY-DUTY COATINGS

Chemical Plant / Power Plant / Industrial Plant



Corporate Headquarters
344, Sajeong-daero, Seocho-gu, Seoul, Korea
Tel : (82)-2-3480-5000, Fax : (82)-2-3480-5436, e-mail : w3master@kccworld.co.kr

Japan

KCC Japan Co., Ltd.
Yurakucho Denki Bldg., South wing 12F, 1-7-1, Yurakucho, Chiyodaku,
Tokyo, Japan (Zip code : 100-0006)
Tel : (81)-3-6995-9361-3, Fax : (81)-3-6995-9364,
e-mail : kccjapan@kccworld.co.kr

Kunshan, China

KCC (Kunshan) Co., Ltd. (Plants 1)
No.1388 Huangpujiang South Road, Qiantang Town, Kunshan City,
Jiangsu, China (Zip code : 215341)
Tel : (86)-512-5746-9000, Fax : (86)-512-5746-9009
e-mail : kcckunshan@kccworld.co.kr

KCC (Kunshan) Co., Ltd. (Plants 2)
No.198 Shapu East Rd., Qiantang Town, Kunshan City, Jiangsu, China
(Zip code : 215341)
Tel : (86)-512-5017-2006, Fax : (86)-512-5795-0803
e-mail : kcckunshan@kccworld.co.kr

Shanghai Branch Office of KCC (Kunshan) Co., Ltd.
11F, Shanghai HNA Building, No.898 Puming Road, Shanghai, China
(Zip code : 200120)
Tel : (86)-21-6235-1540, Fax : (86)-21-6278-6338
e-mail : kccshanghai@kccworld.co.kr

Qingdao Branch Office of KCC (Kunshan) Co., Ltd.
Room 1506, Bin Die International Building, No.182-3, Haier Road,
Laoshan District, Qingdao, China (Zip code : 266100)
Tel : (86)-532-5569-0655, Fax : (86)-532-5569-0658
e-mail : kccqingdao@kccworld.co.kr

Yancheng Branch Office of KCC (Kunshan) Co., Ltd.
Room 1001-1, Building No. 1, Software Park, Xiwang Road(South)
No.5 Yancheng Economic Development Zone, Jiangsu Province, China
(Zip code : 224002)
Tel : (86)-139-2181-4613, e-mail : kccyancheng@kccworld.co.kr

Guangzhou, China

KCC (Guangzhou) Co., Ltd.
No.9 Dourang Street, Yonghe Economic Zone, Guangzhou, China
(Zip code : 511356)
Tel : (86)-20-3222-1111, Fax : (86)-20-3222-2021
e-mail : kccguangzhou@kccworld.co.kr

Guangzhou Branch Office of KCC (Guangzhou) Co., Ltd.
B-3703&3707, Zhongda International Plaza, No.161 Linhexu Road, Tianhe
District, Guangzhou, Guangdong, China
Tel : (86)-20-3831-9780, Fax : (86)-20-3831-9789
e-mail : kccguangzhou@kccworld.co.kr

Tianjin, China

KCC (Tianjin) Co., Ltd.
Nangang Industrial Zone, Binhai New Area, Tianjin, P.R.China
(Zip code : 300280)
Tel : (86)-22-2560-2888, Fax : (86)-22-2560-2851,
e-mail : kcctianjin@kccworld.co.kr

Beijing Branch Office of KCC (Tianjin) Co., Ltd.
No.51 West of Shuntong Road, Renhe Town, Shunyi District, Beijing, China
(Zip code : 101300)
Tel : (86)-10-8949-8181, Fax : (86)-10-8949-8144,
e-mail : kccbeijing@kccworld.co.kr

Chongqing Branch Office of KCC (Tianjin) Co., Ltd.
Room 1908, Forte Complex City Building, No. 7 Longgang Road,
Liangjiang New Area, Chongqing (ZIP CODE 401147)
Tel : (86)-23-6701-9021, Fax : (86)-23-4078-6708,
e-mail : kccchongqing@kccworld.co.kr

Vietnam

KCC (Vietnam) Co., Ltd.
Road 1, Long Thanh Industrial Zone, Long Thanh District, Dong Nai
Province, Vietnam
Tel : (84)-251-351-4678, Fax : (84)-251-351-4684,
e-mail : kccv@kccworld.co.kr

KCC(Hanoi) Co., Ltd.
Yen Phong Industrial Zone, Dong Phong Ward, Yen Phong Dist, Bac Ninh
Province, Vietnam
Tel : (84)-222-3699-388, Fax : (84)-222-3699-389/390
e-mail : kcchanoi@kccworld.co.kr

KCC(Vietnam Nhon trach) Co., Ltd.
Nhon Trach Co. (Z, Long Tho commune, Nhon Trach district, Dong Nai
Province, Vietnam
Tel : (84)-2513-683-585, Fax : (84)-2513-683-588,
e-mail : kccvn@kccworld.co.kr

KCV Hochiminh Office.
4 Floor KOS Building, No.602/27 Dien Bien Phu Street, 22 Ward, Binh
Thuan District, Ho Chi Minh City, Vietnam
Tel : (84)-28-6269-0305, Fax : (84)-28-6269-0316,
e-mail : kcv@kccworld.co.kr

KCC (Hanoi) Hanoi Office.
18th Floor, TASCOT Building, Pham Hung road, Me Tri-Tu-Liem-Hanoi, Vietnam
Tel : (84)-24-3787-8647, Fax : (84)-24-3787-8646,
e-mail : kcchanoi@kccworld.co.kr

Singapore

KCC(Singapore) Pte. Ltd.
31 Ties South Link4, Level 2M PLG Building, Singapore (Zip Code : 636834)
Tel : (65)-6862-0100, Fax : (65)-6863-0679, e-mail : sales@kccpaint.com.sg

India

KCC Paint (INDIA) PRIVATE LIMITED
Plot No.KC-20 Spicoot Industrial Park, Phase II, Mambakkam Sriperumbudur
Tamil Nadu, India (Zip code : 602106)
Tel : (91)-44-2714-2000, Fax : (91)-44-2714-2020, e-mail : sales@kccindia.in

Malaysia

KCC Paints Sdn. Bhd.
Lot13 / No.1, Jalan Anggerik Mokara 31/54-55, Seksyen 31, Kota
Kemuning, Shah Alam, Selangor Darul Ehsan, Malaysia (Zip code : 40460)
Tel : (603)-5122-2900, Fax : (603)-5122-1800/1900,
e-mail : kcc@kccpaint.com.my

Indonesia

PT. KCC INDONESIA
Belteza Permata Hijau O ce Tower, Lantai 17 Unit 9, Jl Letjen Soepono 34,
Permata Hijau, Jakarta, Indonesia (Zip code : 12210)
Tel : (62)-21-3002-7185-6, Fax : (62)-21-3002-7187

Germany

KCC Europe GmbH
Hansaring 61, 50670 Köln/Cologne, Germany (Zip code : 50670)
Tel : (49)-221-6694270, Fax : (49)-221-1612100, e-mail : dskim@kccworld.eu

Türkiye

KCC Boya Sanayi Ve Ticaret Ltd. St.
Gelbasi Organize Sanayi Bolgesi (Femtelova mevk) 3100 Cad. No.3107,
Gelbasi / Kocaeli, Türkiye (Zip code : 41400)
Tel : (90)-262-645-0200, Fax : (90)-262-645-0209,
e-mail : turkey@kccworld.co.kr

Saudi Arabia

KCC International Paints Co., Ltd.
3942 Road 118 - Third Industrial Area, Al Jubail , Kingdom of Saudi Arabia,
(Zip code : 38729/7317)
Tel : (966)-13-340-8866, Fax : (966)-13-340-8462, e-mail : info@kccpaints.sa

United States

Momentive Performance Materials Inc.
260 Hudson River Road, Waterford, NY, USA (Zip code :12188)
Tel : (1)-900-295-2392, e-mail : inquries@momentive.com

Refinish Color Center (Dallas)
2148 Royal Ln STE 100, Dallas, Texas, United States (Zip Code : 75229)

KCC PAINT

HEAVY-DUTY COATINGS

Chemical Plant / Power Plant / Industrial Plant



About KCC

A Precision chemical corporation growing rapidly based on customer's confidence

With state-of-the-art technology and ultra-modern production facilities, KCC seeks for perfection in the quality of its products and customer services. Each and every product that it introduces to its customers on the marketplace is always the result of creative and intensive R&D activities satisfying the diversified customer needs.

KCC always remains deeply committed to ever upgrading the living environment by leading the building and industrial materials industry through continued research and development precisely reflecting the market trends and user-wishes.



KCC Domestic and Global network



KCC Heavy-Duty Coatings

- Protective Coatings for On/Offshore Plant Used Globally
- Global Market Pioneer with New High – Functional & Eco-Friendly Product
- Designed to meet EN ISO 12944 & NORSOK M-501

Chemical Plant



Power Plant



Industrial Plant



Fireproof Paint



Steel Bridge



ThermalMask 1501

High Functional Solvent-free Epoxy

Excellent corrosion protection and chemical resistance in immersion condition of high temperature and pressure
* Recommended Use : Oil, separation plant, heat exchanger, interior of valves and pipes under high temperature and pressure

Required properties

- Eco-friendly**
 - Solvent Free Epoxy
- Good Workability**
 - Easy application by conventional airless spray

Excellent Property

- Long-term durability by high cross-linking
- Excellent properties at immersion of high temperature of 150°C and high pressure of 1,000psi



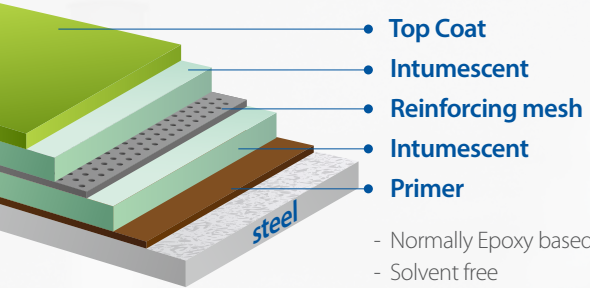
< GOSP (Gas & Oil Separation Plant) >

Characteristics Summarize

Items		Properties	Test conditions
Solvent content		None (Trace)	Solvent free
Typical thickness		600μm ~1000μm	Standard 1coat
Anti-sagging		60 Mils	Draw down by applicator
Drying time	Set to touch	2 Hours	at 20°C / 68°F
	Dry through	8 Hours	
Pot life		1 Hours	at 20°C / 68°F
Curing method		Room Temperature	
Chemical resistance (Autoclave)		No blister & crack	150°C / 1,000psi for 7days
Immersion		No blister & rust	150°C for 6months
Cathodic disbondment		No disbondment (0mm)	1.55V / 90°C for 30days

FIREMASK 3500

PFP Coating System for Hydrocarbon Fires



Painting Specification

NO. of coat	Product Name	D.F.T	Method of application	Color	Thinner
1st	EP170	50μm	B, R, S	Brown, Grey	024
2nd	FIREMASK 3500 Mesh : Nexweb	Varies by fire resistant time	S	Grey	No dilution
3rd	UT6581	50μm	B, S	All colors	0624

• About painting methods : B→Brush, R→Roller, S→Spray

KCC's FIREMASK 3500 : Certified by UL

Full-scale Fire Endurance Test Program

Rating	DFT	Pass / Fail	Conditions of Acceptance	Reinforcement
1 hr	4.9 mm	Passed	- Avr. Temp. : below 538°C	Ceramic/ Glass fiber Mesh (NEXWEB)
1.5 hr	7.9 mm		- Max. Temp. : below 649°C	
2 hr	10.8 mm			
2.5 hr	13.8 mm			



Hydrocarbon Fires

- Rapidly heat to 1100 degrees Celsius in 5 minutes (UL 1709)

Product Features

- Epoxy-based fireproofing paint for rapidly heated oil fires for steel structures in oil, gas, chemical plants and power plants in onshore environments.

KCC Products

Shopprimer

- EP177
- IZ182
- IZ1990
- IZ1995
- VP184

Inorganic Zinc Primer

- IZ180(N)
- IZ180(N)(H)
- IZ180(N)(HS)
- IZ180(N)(P)

Epoxy Zinc Primer

- EZ175
- EZ175(HS)
- EZ175(WM)
- EZ176(HS)

Universal Primer

- ALLROUND MASTIC
- EP1730
- EP1760

Epoxy Protective Paint

- EH3200(GF)
- EH4158HM
- EH6270
- EH6280(HS)
- EP170
- EP6172 / ET6572

Epoxy Chemical Protective Paint

- EH2350
- EH2630(P)
- EP174(T)

High Function Paint

- ChemMask 1100
- ThermalMask
- ThermalMask 1200
- ThermalMask 1501

Urethane Topcoat

- UT6581
- UT6582

Epoxy Topcoat

- ET574HS
- ET5745

Fluorine Topcoat

- YJ558
- YJ5520
- YJ5521

Siloxane Topcoat

- ST1020

Nuclear Power Plant Certified Paint

- EP1290
- EP139
- ET5290
- EU2290
- IZ197

Passive Fire Protection

- FIREMASK AQ1000
- FIREMASK AQ2000
- FIREMASK SQ-1650
- FIREMASK SQ-2700
- FIREMASK 3500

Heat Resistant Paint

- QP160
- QT5065
- QT6000(L)
- QT604
- QT606
- QT6612

Alkyd & Oil Paint

- MP120
- LT313

HEAVY-DUTY COATINGS

Chemical Plant / Power Plant / Industrial Plant



HEAVY-DUTY COATINGS

Chemical Plant / Power Plant / Industrial Plant

