Epoxy PFP (Passive Fire Protection)

AlesChar Series
Petrochemical and offshore facilities are at risk from hydrocarbon fire and explosion accidents.

In the environment, Epoxy PFP (Passive Fire Protection) plays a critical role in protecting people and assets from damage for an extended period of time after the fire has broken out.

The purpose of Epoxy PFP is to protect steel structures when they are exposed fires and keep the structural integrity intact for a fixed time. AlesChar Series is vital to save lives and assets in potentially hazardous environments such as refineries, petrochemical plants, pipelines, LNG facilities and offshore oil and gas facilities.

![Temperature vs. Time Graph](image)

**Product Line-up**

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Classification</th>
<th>Facility</th>
<th>Standard</th>
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<td>Hydrocarbon Pool Fire</td>
<td>Petrochemical plant Pipeline</td>
<td>NORSOK M-501 Ed.6 system no.5A Hose Stream Test UL1709</td>
<td>Epoxy (Non-Solvent) DFT : 3-20mm</td>
</tr>
<tr>
<td>AlesChar J</td>
<td>Hydrocarbon Jet Fire</td>
<td>LNG facilities</td>
<td>ISO 22899</td>
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</tr>
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</table>
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The purpose of Epoxy PFP is to protect steel structures when they are exposed to fire. AlesChar Series is vital to save lives and assets in potentially hazardous LNG facilities and offshore oil and gas facilities.

Unique components of the binder system provide AlesChar U with an excellent weathering resistance. In conventional products, the fire protective abilities are often compromised after salt spray cycles due to the leaching of crucial intumescent pigments. However, we have seen in repeat tests of the AlesChar U that the fire performance is actually improved following the accelerated weathering test.
Contacts for Kansai Paint Protective Coatings

Head Office
6-14, Inribashi 2-chome, Chuo-ku
Osaka 541-8523, Japan
Tel: 81-6-6203-5014 / Fax: 81-6-6201-4872
www.kansai.com

Tokyo Office
12-1, Minami-Rokugo 3-chome, Ota-ku,
Tokyo 144-0045, Japan
Tel: 81-3-3732-3012 / Fax: 81-3-6328-1428

R&D Center
17-1, Higashi-Yawata 4-chome, Hiratsuka-shi,
Kanagawa 254-8562, Japan
Tel: 81-4-6323-2100 / Fax: 81-4-6324-0637

Global Network

Kansai Paint (China) Investment Co., Ltd.
Room 901/912, Sunny Days City, No.425
Yishan Road, Xuhui District, Shanghai,
200235, China
Tel: 86-21-5093-9636 / Fax: 86-21-5093-9616

Cosco Kansai Paint & Chemicals
(Shanghai) Co., Ltd.
Room 1706, Baohua Center, No.355,
West Guangzhong Road, Shanghai, 200072, China
Tel: 86-21-3183-3988 / Fax: 86-21-3183-3900
www.kansai.com.cn

Kansai Paint Asia Pacific Sdn. Bhd.
(Kansai PLC Sdn. Bhd.)
4, Solok Waja 2, Kawasaki Perindustrian Bukit Raja,
P.O.Box 159, 41710 Klang, Selangor D.E., Malaysia
Tel: 60-3-3362-2388 / Fax: 60-3-3342-7223
www.kansaimalaysia.com

KTK Kansai Paint (Singapore) Pte. Ltd.
No.2 Tanjong Penjuru, Singapore 609017
Tel: 65-6261-8621 / Fax: 65-6265-0301
www.kansai-paint.com.sg

PT Kansai Prakarsa Coatings
Sahid Sudirman Center Building, 45th Floor,
Suite E, Jl. Jend. Sudirman No. 86, Karet Tengsin,
Tanah Abang, Jakarta Pusat 10220, Indonesia
Tel: 62-21-252-0409 / Fax: 62-21-252-0641
www.kansai.co.id

Kansai Paint Middle East FZCO
Office # 1402, Marina Plaza, Al Marsa Street,
Dubai Marina, PO Box 262460, Dubai,
United Arab Emirates
Tel: 971-4-388-2221 / Fax: 971-4-388-2223
www.kansai-paint.com ae

Kansai Paint Europe Ltd.
3rd Floor, Saunders House, 52 – 53 The Mall,
Ealing, London, W5 7TA, UK
Tel: +44-20-3078-6808
www.kansai-paint.co.uk

Kansai Plascon East Africa Ltd.
Apex Business Park No.2, Mombasa Road,
P.O. Box 79886-00200, Nairobi, Kenya
Tel: 254-0-711029000

Kansai Plascon Africa Ltd.
10 Frederick Cooper Drive, Factoria,
Krugersdorp, 1739, South Africa
Tel: 27-11-951-4500
www.plascon.com

Kansai Altan Boya Sanayi ve Ticaret A.Ş
Kemalpaşa OSB Mahallesi İzmir-Ankara Yolu (Ansova)
Kume Evleri No:287, 35730 Kemalpaşa, İzmir, Turkey
Tel: 90-232-970-1470 / Fax: 90-232-877-0070
www.kansiaaltan.com/en

Kansai Nerolac Paints Ltd.
Gamma Phase 2, Factoria,
Mumbai 400 013, India
Tel: 91-22-2493-4001 / Fax: 91-22-2491-9439
www.nerolac.com

Kansai Paint Philippines, Inc.
Univ 8-A South Luzon International
Business Park, Brgy. Batino, Calamba City,
Laguna 4027, Philippines
Tel: 63-2-519-4276 / Fax: 63-2-519-4276
www.kansaipaint.com.ph

Kansai Altan Boya Sanayi ve Ticaret A.Ş
Kemalpaşa OSB Mahallesi İzmir-Ankara Yolu (Ansova)
Kume Evleri No:287, 35730 Kemalpaşa, İzmir, Turkey
Tel: 90-232-970-1470 / Fax: 90-232-877-0070
www.kansiaaltan.com/en

Kansai Alphanam Paint Co., Ltd.
3rd Floor, Sakura tower, 47 Vu Trong Phung
Street, Thanh Xuan District, Hanoi, Vietnam
Tel: 84-243-205-7676
www.kansai-paint.com.vn

Kansai Paint Myanmar Co., Ltd.
No.121/120, Bayint Naung Street, Road,
No.65/Sethmu Plot, Shwe Pyi Thar Industrial Zone(4),
Shwe Pyi Thar T/S, Yangon, Myanmar
Tel: 95-1-3618-695 / Fax: 95-1-3618-330

Kansai Paint Pakistan Ltd.
Ignaz-Köck-Strasse 15 1210 Vienna, Austria
Tel: 43-1-237182151-4 / Fax: 43-1-237182155
www.kansai-paint.com.pk

Kansai Helios Coatings GmbH
Ignaz-Köck-Strasse 15 1210 Vienna, Austria
Tel: 43-1-277-02-201 / Fax: 43-1-277-029-202
www.helios-group.eu

Kansai Paint East Asia Ltd.
10 Frederick Cooper Drive, Factoria,
Krugersdorp, 1739, South Africa
Tel: 27-11-951-4500
www.plascon.com

Global Network

Chongqing Alesco Kansai Paint Co., Ltd. (Guan Xi Tu Liao), No.2, Huawei 2nd Road, Changshou Area, Chongqing, 401221, China
Tel: 86-23-8533-6559 / Fax: 86-23-8684-5046

Thai Kansai Paint Co., Ltd.
180 Moo 3 Thaeparak Road, Thaeparak Sub District, Muang District, Samutprakarn Province, 10270, Thailand
Tel: 66-2-753-2377 / Fax: 66-2-753-2774

Kansai Paint Europe Ltd.
3rd Floor, Saunders House, 52 – 53 The Mall,
Ealing, London, W5 7TA, UK
Tel: 44-20-3078-6808
www.kansai-paint.com

Kansai Paint Korea Ltd.
No.6, Yonggong 2nd Rd, Yong'an Dist,
Kaohsiung City 828, Taiwan (R.O.C.)
Tel: 886-7-622-3171 / Fax: 886-7-623-0155

Kansai Paint Middle East FZCO
Office # 1402, Marina Plaza, Al Marsa Street,
Dubai Marina, PO Box 262460, Dubai,
United Arab Emirates
Tel: 971-4-388-2221 / Fax: 971-4-388-2223
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