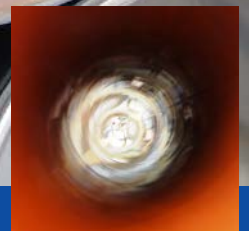
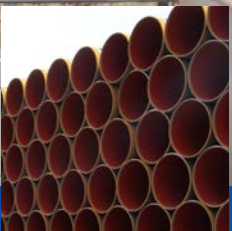


Coating Solutions for Pipelines



Paint with Pride



Coating Solutions for Pipelines

Teknos has strong and well-documented proof of its expertise in the surface treatment for internal and external pipeline applications. Teknos has an extensive product range and can provide the correct painting solutions for the pipelines in different environments, including on-shore and offshore.

Teknos' technical service engineers have a wide experience in the industrial painting field, and they are happy to help You. For further information, please contact your local Teknos' representative.



Wet Painting Inside Coating

TEKNOPOX 3296-06 Two-pack Epoxy Coating, 1 x 80 µm

- One-layer system
- Flow Coating
- High solid
- Red brown
- Glossy

TEKNOPOX 3296-06 is a friction reduction coating for the interior of pipelines used for the transport of non-corrosive gas. The allowed temperature range for the natural gas pipes that have been coated with TEKNOPOX 3296-06 Epoxy Coating is between -40°C and 120°C. Resistance to dry heat is up to 120°C continuous, approx. 250°C short term. The solids content of the coating is 81±2 by volume.-%.

TEKNOPOX 3296-06 Epoxy Coating meets the requirements according to the following standards: API Standard RP 5L2, DIN EN 10301, ISO 15741, Transco CM2, NORDSTREAM and CTO Gazprom 2-2.2-180-2007.

TEKNOPOX REPAIR 3296 enables you to repair professionally damages on the internal surface, according to the instructions.



Powder Coating



INFRALIT EP 8054 Powder Coating is conventional Fusion Bonded Epoxy (FBE) for three-layer or multilayer system with polyolefines, especially with polyethylene (PE) plastics. TDS No. 1592.

INFRALIT EP 8054 is suitable for pipelines operating in temperatures up to 90 °C. Final three-layer system meets the requirements of Standards ISO 21809-1 and CSA Z245.20-10. Typical adhesion result for peeling test of three-layer PE system with INFRALIT EP 8054 are > 400 N/cm at 23 °C and > 100 N/cm at 80 °C.

INFRALIT EP 8054 has glass transition temperature $T_g > 100^\circ\text{C}$.

INFRALIT EP 8074 Powder Coating is a high T_g Fusion Bonded Epoxy (FBE) for three-layer or multilayer system with polypropylene (PP) plastics. INFRALIT EP 8074 is suitable for pipelines operating in high temperatures, working area up to 150 °C. TDS No. 1641.

Typical adhesion result for peeling test of three-layer PP system with INFRALIT EP 8074-00 are > 300 N/cm at 25 °C and > 40 N/cm at 140 °C. TDS No. 1809.

INFRALIT EP 8074 has glass transition temperature T_g 130 °C – 160 °C, depending on formulation.

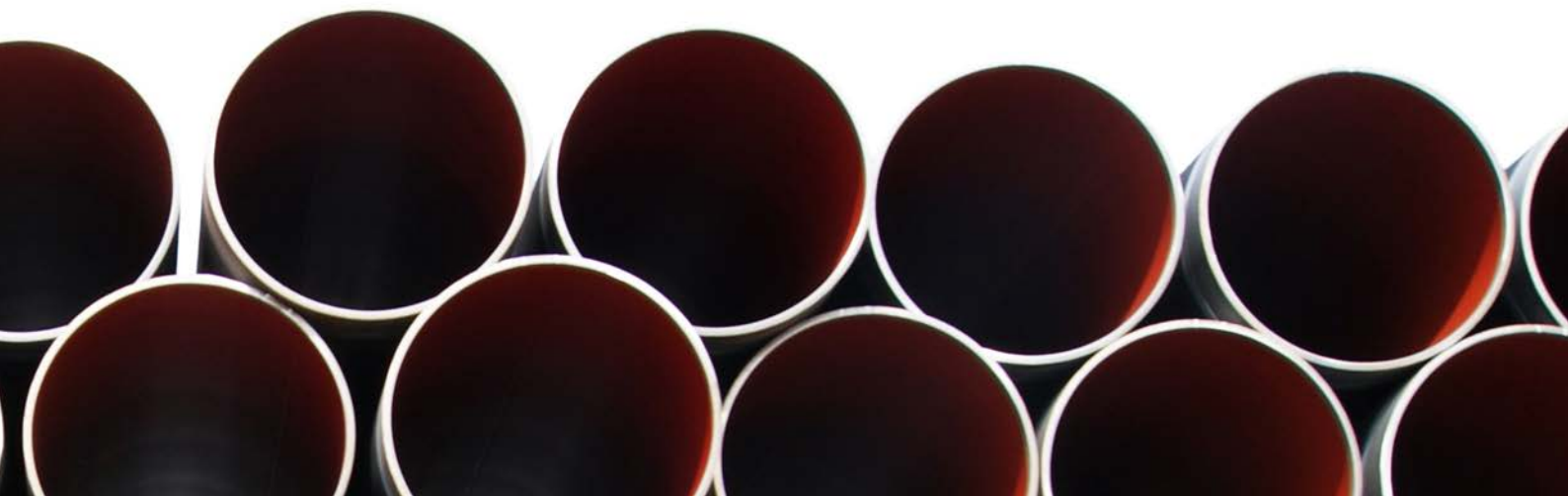


INFRALIT EP 8064 Powder Coating is Fusion Bonded Epoxy (FBE) for field joint system with Wehocoat device. TDS No. 1593.

KWH Pipe and Borealis have developed a new patent applied system for coating of field joints. The system is based on Borealis specially developed reactive polyolefine polymer Borcoat™ ME3000FC and the Wehocoat machine developed by KWH Pipe Technology.

The coatings made by the Wehocoat machine are extremely hard wearing and as durable as the pipe coating applied in the factory. This field joint coating method can achieve a joint at site conditions which can fulfill the minimum demands as stated in the ISO – FDIS 21809-1 for a factory coated steel pipe and is defined according to ISO 21809-3 section 5E.

INFRALIT EP 8064 has glass transition temperature $T_g > 100^\circ\text{C}$.



Teknos Group Companies

Teknos Oy

Helsinki factory, Head office
Takkatie 3
P.O.Box 107
FI-00371 HELSINKI
Finland
Tel. +358 9 506 091
sales@teknos.fi

Teknos Oy

Rajamäki factory
Perämatkuntie 12
P.O.Box 14
FI-05201 RAJAMÄKI
Finland
Tel. +358 9 506 091
sales@teknos.fi

Teknos A/S

Industrivej 19
DK-6580 VAMDRUP
Denmark
Tel. +45 76 93 94 00
teknos@teknos.dk

Teknos AB

Limmaredsv. 2, P.O.Box 211
SE-514 24 TRANEMO
Sweden
Tel. +46 325 619 500
info@teknos.se

Teknos Wedevåg Färg AB

Industrigatan 7
SE-711 72 VEDEVÅG
Sweden
Tel. +46 581 645 900
info@teknos.se

Teknos Deutschland GmbH

Edelzeller Strasse 62
D-36043 FULDA
Germany
Tel. +49 661 1080
info@teknos.de

Teknos Norge AS

Industriveien 28
NO-3430 SPIKKESTAD
Norway
Tel. +47 31 29 49 00
teknos@teknos.no

Teknos (UK) Limited

Unit E1, Heath Farm
Banbury Road, Swerford
OXFORDSHIRE OX7 4BN
UK
Tel. +44 1608 683 494
sales@teknos.co.uk

Teknos Ireland Limited

Unit 1, Fortwilliam
Industrial Estate
Dargan Crescent
BELFAST BT3 9JP
Northern Ireland, UK
Tel. +44 2890 960670
sales.ni@teknos.co.uk

Teknos Scotland Limited

Nettlehill Road
Houston Industrial Estate
LIVINGSTON EH54 5DL
UK
Tel. +44 1506 436222
sales.scotland@teknos.co.uk

Teknos OOO

Butyrskij Val, 68/70, bl.4, of.211
127055 MOSCOW
Russia
Tel. /Fax +7(495) 967 19 61
(multi-channel)
teknos.russia@teknos.com

Teknos Ohtek OOO

Ul. Boksitogorskaya, 9, lit. Z
195248 ST PETERSBURG
Russia
Tel. +7(812) 320-76-28
Tel. +7(921) 573-1287
sales@teknoshtek.ru

Teknos Sp. z o.o.

ul. Ziemowita 59
PL-03-885 WARSAW
Poland
Tel. +48 22 678 70 04
biuro@teknos.pl

Teknos Oliva Sp. z o.o.

ul. Chwaszczyńska 129-149
PL-81-571 GDYNIA
Poland
Tel. +48 58 629 91 62
Fax +48 58 669 53 08
oliva@oliva.com.pl

Teknos d.o.o.

Kidriceva cesta 94
SI-4220 ŠKOFJA LOKA
Slovenia
Tel. +386 4 236 58 78
Fax +386 4 236 58 79
info@teknos.si

Teknos LLC

50 Artema Str., Office 5B
04053 KIEV
Ukraine
Tel. /Fax +38 044 359 0333
teknos.ukraine@teknos.com

Teknos Coatings (Shanghai) Co., Ltd

Rm 405a-407a
Silver Centre
No. 1388 North Shan Xi Road
Putuo District
SHANGHAI
People's Republic of China
Tel. +86 21 6149 8582
teknos.china@teknos.com

Teknos Oy

Representative Office
Kiselljova Street 55, room 12
220002 MINSK
Republic of Belarus
Tel. /Fax +375 17 237 4336
vladimir.shienok@teknos.com

Teknos A/S

Representative Office
Room MR2, Level 4
Centec Tower
72-74 Nguyen Thi Minh Khai
District 3, HO CHI MINH CITY
Vietnam
Tel. +84 8 3822 0425
teknos@teknos.vn

Teknos Group Oy

Teknos Group's Parent Company
Takkatie 3
P.O. 107
FI-00371 HELSINKI
Finland
Tel. +358 9 506 091
Fax +358 9 5060 9229
sales@teknos.fi

Teknos Deko OOO

Joint Venture Company
Lomonosovsky Region, Kipen
188515 LENINGRAD AREA
Russia
Tel. /Fax +7(812) 960 13 20
sales@teknosdeko.ru
www.teknosdeko.ru

The Teknos Group

Teknos is one of Europe's leading suppliers of industrial coatings with a strong position in retail and architectural coatings, too.

Teknos has its own production in seven countries: Finland, Sweden, Denmark, Germany, Poland, Russia and China. In addition, Teknos has sales companies in 14 countries and exports to over 20 countries via a well-established network of dealers.

Teknos was established in 1948 and is one of Finland's largest family-owned businesses.

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