



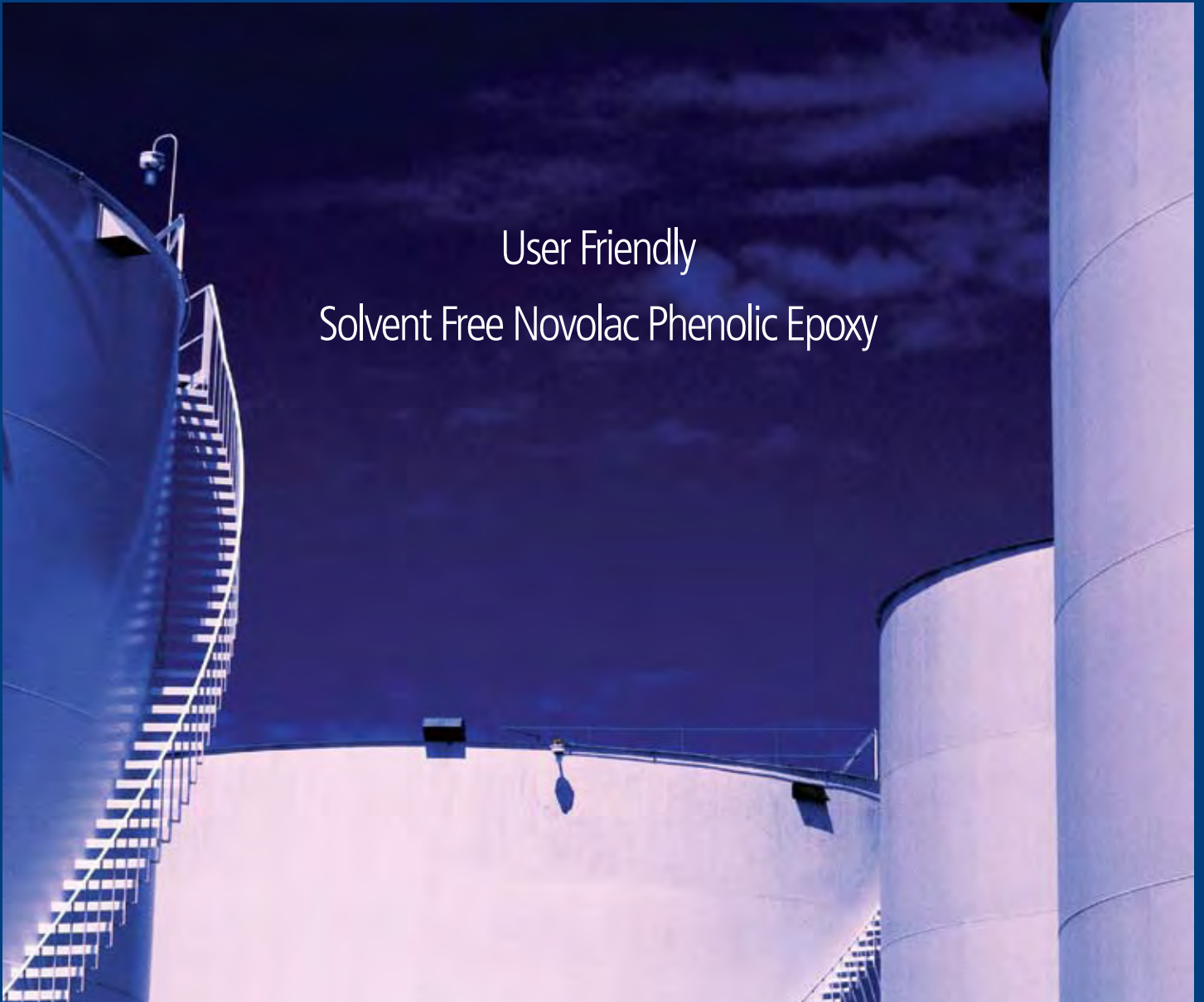
**JOTUN**

# TANKGUARD SF

Tank lining for Storage Tanks

User Friendly

Solvent Free Novolac Phenolic Epoxy



# TANKGUARD SF

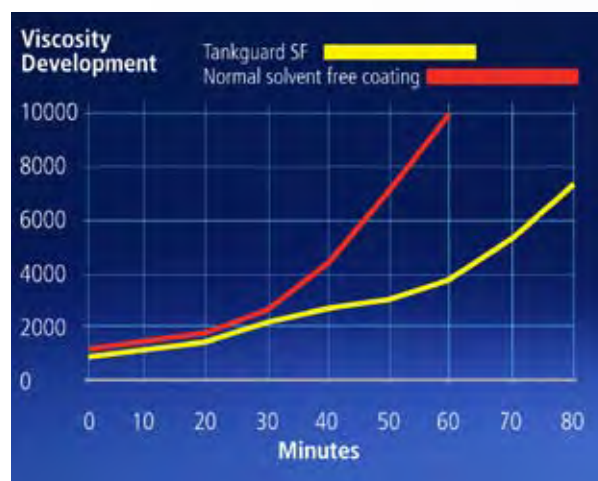
## user-friendly solvent free tank lining

It is well known that the greatest challenge with solvent free tank linings is not the resistance to products stored, but the difficulties in achieving satisfactory application. Jotun focused on this issue in the development of Tankguard SF. The viscosity development is carefully controlled which allows application by standard airless

spray equipment. The resulting increase in drying time is compensated by the reduced complexity at application stage. During application of other solvent free coatings with higher viscosities, stoppages often occur due to short pot life and blockages in the equipment.

### Controlled viscosity allows standard airless spray application

Viscosity is a clear indicator of spray-ability. The thicker the coating the harder to spray, so clearly it is important that the starting viscosity is as low as possible and that it does not develop too quickly.



### Slower hardness development gives longer overcoating time

Rapid hardness development would normally be considered a positive attribute, however with solvent free coatings recoatability is challenging. Tankguard SF has been designed to have slower hardness development providing a longer overcoating window, making multi coat systems more secure than other solvent free tank linings.





## Meets the applicator and operators' needs

- User friendly
- Reduces maintenance downtime
- Quick and easy to apply
- Speeds up the coating process
- Short application time
- Cures down to 10°C
- No special spray equipment needed
- Brushable for stripe coats
- Promotes safer working practices
- Low VOCs

### *TIME*

- Tankguard SF is 100% solids Novolac Phenolic coating that is quick and easy to apply whilst meeting the product resistance needs of storage tanks.
- Being easy to apply with standard airless spray equipment it saves the additional outlay necessary for special equipment – and thinning is not required.
- Quicker to use than other manufacturer's similar products because of the simple application process.
- Thickness is flexible – low film build can be achieved (150–300 microns DFT) reducing application time and material required.
- Easy cleaning means less out of service time when changing products to be stored.
- Being brushable makes the stripe coating process faster and more reliable.

### + *ENVIRONMENT*

- Tankguard SF conforms to current VOC regulations.

### + *SAFETY*

- Tankguard SF is user-friendly. It is 100% solids epoxy thus contributing to safer working practices within the tank environment.

### = *ECONOMY*

- Two coat application means cost savings
- It provides a smooth finish with protection that is equal to or better than solvent-borne coatings and uses less paint.
- Because low build thickness can be achieved there are savings in the costs of application and materials.
- It can be applied down to 10°C. With less heating required when temperatures are low, application costs are less.



# Jotun worldwide

## AUSTRALIA

Jotun Australia Pty. Ltd.,  
P.O.Box 105, Altona North,  
9 Cawley Road,  
BROOKLYN, VIC 3025  
Tel: +61 3 9314 0722  
Fax: +61 3 9314 0423

## AZERBAIJAN

Jotun Azerbaijan  
12/14 Pushkin Street, Apt. 63  
BAKU AZ0000  
Tel: +994 1298 5890  
Fax: +994 1298 6334

## BRAZIL

Jotun Brasil Imp.Exp.e Industria de Tintas Ltda.  
Estrada São Lourenço, no 751 Capivari,  
25243-150 Duque de Caxias - RJ  
RIO DE JANEIRO  
Tel: +55 21 2776 1313  
Fax: +55 21 2776 2263

## P.R. of CHINA

Jotun Coatings (Zhangjiagang) Co. Ltd.  
Jotun COSCO Marine Coatings Co. Ltd.  
Floor 20, Jiu Shi Mansions,  
No. 28 Zhong Shan Road (South)  
SHANGHAI 200010  
Tel: +86 21 6333 080 0  
Fax: +86 21 6326 968 6

Jotun Coatings (Zhangjiagang) Co. Ltd.  
Jotun COSCO Marine Coatings Co. Ltd.  
Room 709-12, Goldlion Digital Network  
Centre, 138 Tiyu Road East,  
GUANGZHOU, 510620  
Tel: +86 20 38 78 07 49  
Fax: +86 20 38 78 19 66

## HONG KONG

Jotun COSCO Marine Coatings (H.K.) Ltd  
Room 1208, 12/F,  
Stanhope House  
734 King's Road, Quarry Bay  
HONG KONG  
Tel: +852 2527 6466  
Fax: +852 2861 1307

## CYPRUS

Jotun Paints (Europe) Ltd  
P.O. Box 52177, 4061 LIMASSOL  
visiting address:  
Visionhire Bldg,  
Corner: Manoli Kalomiri & Marikas Kotopouli,  
3rd Floor, 3030 LIMASSOL  
Tel: +357 253 744 55  
Fax: +357 253 744 00

## DENMARK

Jotun Danmark A/S  
Tørnerosevej 127  
2730 HERLEV  
Tel: +45 4492 9400  
Fax: +45 4492 9401

## EGYPT

El Mohandes Jotun S.A.E.  
El Sheikh Aly Gad El Haq Street  
Florida Mall, Masaken Sheraton – 4th Floor  
CAIRO  
Tel: +20 2265 1800  
Fax: +20 2265 1801

## FINLAND

Nor-Maali OY  
Vanhatie 20, 15240 LAHTI  
Tel: +358 3 874 650  
Fax: +358 3 874 6550

## FRANCE

Jotun France S.A.  
22/24 Rue du President Wilson, Bat.A  
92300 LEVALLOIS PERRET  
Tel: +33 1 4519 3882  
Fax: +33 1 4519 3894

## GERMANY

Jotun (Deutschland) GmbH  
Winsberggring 25,  
22525 HAMBURG  
Tel: +49 40 851 960  
Fax: +49 40 856 234

## GREAT BRITAIN

Jotun Paints (Europe) Ltd.  
Stather Road, Flixborough,  
SCUNTHORPE DN15 8RR  
Tel: +44 1724 400 000  
Fax: +44 1724 400 100

## GREECE

Jotun Hellas Ltd.  
Skouze 26 Str.,  
PIREAEUS 18536  
Tel: +30 210 42 85 980-82  
+30 210 42 86 035-37  
Fax: +30 210 42 85 983

## INDIA

Jotun India Pvt Ltd.  
Prince Plaza 2nd Floor  
73, Pantheon Road, Egmore  
CHENNAI 600 008  
Tel: +91 44 2841 9420  
+91 2851 0861  
Fax: +91 44 2841 9513

## INDONESIA

P.T. Jotun Indonesia Paints and Chemicals  
Kawasan Industri MM2100  
Blok KK-1, Cikarang Barat  
Bekasi 17520  
Tel: +62 21 8998 2657  
Fax: +62 21 8998 2658

## IRELAND

Jotun (Ireland) Ltd.,  
Unit K7, Marina Commercial Park,  
Centre Park Road, CORK  
Tel: +353 214 965955  
Fax: +353 214 965992

## ITALY

Jotun Italia S.P.A.  
Via Petronio, 8, Zona Ind. Noghère  
34147 - IUGGIA (TRIESTE)  
Tel: +39 040 23 98204  
Fax: +39 040 23 98222

## JAPAN

NKM Coatings Co., Ltd.  
25-15 Higashi Ohi 5-chome  
Shinagawa-ku, TOKYO 140-8520  
Tel: +81 3 3472 3521  
Fax: +81 3 3472 3481

## KAZAKHSTAN

Jotun Boya San ve Tic. AS  
Kazakhstan Repr. Office  
Samal-1, Zholdasbekova Str. 32/20  
ALMATY  
Tel/Fax: +7 327 253 2447

## KOREA (SOUTH)

Chokwang-Jotun Ltd.  
119-9, Bukjung-Dong,  
Yongsan City  
KYUNGNAM 626-110  
Tel: 82 553 856 600  
Fax: 82 553 867 742

## LATVIA

Jotun Paints (Europe) Ltd.  
Representative Office,  
Daugaygrivas 83/89  
Office No.75, 1007 RIGA  
Tel: +371 6747 3908/9  
Fax: +371 6747 3907

## LIBYA

Jotun Paints Libya  
P.O.Box 80683, TRIPOLI  
visiting address:  
Gargareh Road, Al Andalou district  
TRIPOLI  
Tel: +218 214 781 525  
+218 214 777 811  
Fax: +218 214 780 718

## MALAYSIA

Jotun (Malaysia) Sdn. Bhd.  
Lot 7 Persiaran Perusahaan,  
Section 23, P.O. Box 7050  
40700 SHAH ALAM  
Tel: +60 351 235 500  
Fax: +60 351 235 632

## THE NETHERLANDS

Jotun B.V.  
P.O. Box 208  
NL-3200 AE SPIJKENISSE  
Visiting address:  
Newtonweg 17A  
NL-3208 KD SPIJKENISSE  
Tel: +31 181 678 300  
Fax: +31 181 617 899

## NORWAY

Jotun A/S  
P.O.Box 2021,  
3248 SANDEFJORD  
Tel: +47 33 45 70 00  
Fax: +47 33 45 79 00

## OMAN

Jotun Paints Co. LLC  
Rusayl Ind. Estate, Road No.10  
P.O. Box 672 Code 111, MUSCAT  
Tel: +968 2444 6100  
Fax: +968 2444 6105

## PHILIPPINES

Jotun Singapore Pte. Ltd –  
Philippines Branch Office,  
Unit 105/106, Don Jesus Blvd,  
Kentucky Drive, Alabang Hill,  
Muntinlupa City,  
METRO MANILA 1771  
Tel/Fax: +63 2 809 7497

## POLAND

Jotun Polska Sp.zo.o.  
Ul. 10 Lutego 16, 81-364 GDYNIA  
Tel: +48 58 555 1515  
Fax: +48 58 781 9692

## PORTUGAL

Jotun Iberica SA. (Suc. Portugal)  
Estrada Vale ede Mulatas,  
Armazem no. 5  
2910-338 SETUBAL  
Tel: +351 265 708 910  
Fax: +351 265 708 563

## QATAR

Jotun Qatar  
Gulf Commercial Centre,  
Gulf Street,  
P.O. Box 24373,  
Code-0974, DOHA  
Tel: +974 412728  
Fax: +974 415608

## ROMANIA

Representative Office,  
Jotun Paints Turkey  
Str. Nicolae Jorga Nr 113A  
8700 CONSTANTA  
Tel: +40 241 516987  
Fax: +40 241 513863  
Mobile: +40 722 230961

## RUSSIA

Jotun Paints O.O.O.  
Stachek Avenue 57, No.31  
198096 ST. PETERSBURG  
Tel: +7 81 2332 0080 / 2785 0034  
Fax: +7 81 2783 0525

## SAUDI ARABIA

Jotun Saudia Co. Ltd.  
Jeddah Industrial City, Phase 3,  
P.O.Box 34698, JEDDAH 21478  
Tel: +966 2635 0535 / 2636 1271  
Fax: +966 2636 2483

## SINGAPORE

Jotun (Singapore) Pte. Ltd.  
11-15 Sixth Lok Yang Road,  
Jurong, SINGAPORE 628111  
Tel: +65 6265 4711  
Fax: +65 6265 7484

## SOUTH AFRICA

Jotun Paints South Africa (PTY) Ltd.  
Wimbledon Road,  
P.O.Box 187  
BLACKHEATH 7581  
Tel: +27 21 905 1070  
Fax: +27 21 905 1652

## SPAIN

Jotun Iberica S.A.  
Poligon Santa Rita,  
Calle Estatica no. 3  
08755 Castellbisbal, BARCELONA  
Tel: +34 937 711 800  
Fax: +34 937 711 801

## SWEDEN

Jotun Sverige AB  
P.O. Box 151, Klangfångsgatan 13,  
421 22 VÄSTRA FRÖLUNDA  
Tel: 46 3169 6300  
Fax: 46 3169 6397

## SYRIA

Jotun Syria  
Mr. Anas Tayarah,  
c/o Arabian Enterprises  
P.O.Box 9130, DAMASCUS  
Tel: +963 116 113 820  
Fax: +963 116 115 951  
Mobile: +963 942 300 23

## THAILAND

Jotun Thailand Ltd  
Amata Nakom Ind. Estate (BIPII)  
700/353 Moo 6 Tumbol  
Donhualoh, Amphur Muang  
CHONBURI 2000  
Tel: +66 38 214 824-6/214 347-51  
Fax: +66 38 214 373/375

## TURKEY

Jotun Boya San. ve Ticaret. A.S.  
Yeni Camlik Caddesi,  
Ayaz Sok. No. 2/4,  
4. Levent, ISTANBUL 80660  
Tel: +90 21 2279 7878  
Fax: +90 21 2279 2549

## U. A. E.

Abu Dhabi  
Jotun Abu Dhabi (LLC)  
P.O.Box 3714, Mussafah  
ABU DHABI  
Tel: +971 2551 0300  
Fax: +971 2551 0232

## Dubai

Jotun U.A.E. Ltd. (LLC)  
P.O.Box 3671,  
Al Quoz Industrial Area  
DUBAI  
Tel: +971 4339 5000  
Fax: +971 4338 0666

## USA

Jotun Paints, Inc.  
9203 Highway 23,  
P.O. Box 159,  
Belle Chasse, LA 70037  
Tel: +1 800 229 3538  
+1 504 394 3538  
Fax: +1 504 394 3726

## VIETNAM

Jotun Paints (Vietnam) Co. Ltd.  
Song Than Industrial. Zone,  
No.1 Street 10,  
Di An District,  
Binh Duong Province  
Tel: +84 65 074 2206-9  
Fax: +84 65 074 2205

## YEMEN

Jotun Yemen Paints Co. Ltd  
P.O. Box 70183, Al Alam  
ADEN  
Tel: +967 2820 546-9  
Fax: +967 2249 362



## HEAD OFFICE

Jotun A/S  
P.O.Box 2021, 3248 Sandefjord, Norway  
Tel: +47 33 45 70 00 Fax: +47 33 45 79 00  
www.jotun.com