

TNEMEC-LINER

PROVEN LINING PROTECTION

DURABLE SUBSTRATE DEFENSE

Tnemec's Tneme-Liner, with its proven coating technology, is specially formulated to protect the interiors of storage tanks, pipelines, and fuel terminals in the petroleum and chemical industries and can also be used to guard against industrial wastewater attack.

Tneme-Liner is a high-solids, cycloaliphatic amine-cured epoxy lining that meets and often exceeds the performance of novolac epoxies in many chemical exposures. The select cycloaliphatic curing agent in Tneme-Liner, reacted with the functionality of the epoxy, yields a tightly cross-linked bond resulting in outstanding chemical and corrosion resistance. This curing mechanism allows Tneme-Liner to resist a wide range of chemicals, sweet and sour crude oil, and finished fuels and solvents. Applications include refining, chemical processing, industrial waste treatment, secondary containment, pipeline production and process equipment, vessels and spool sections, and other severe service conditions. Tneme-Liner can also be used as a holding primer for large storage tanks when topcoating with select Tnemec Tank Armor linings. Additionally, the lining meets the performance criteria requirements for MIL-PRF-4556F, a military specification for epoxy coating systems used to line jet fuel storage vessels.

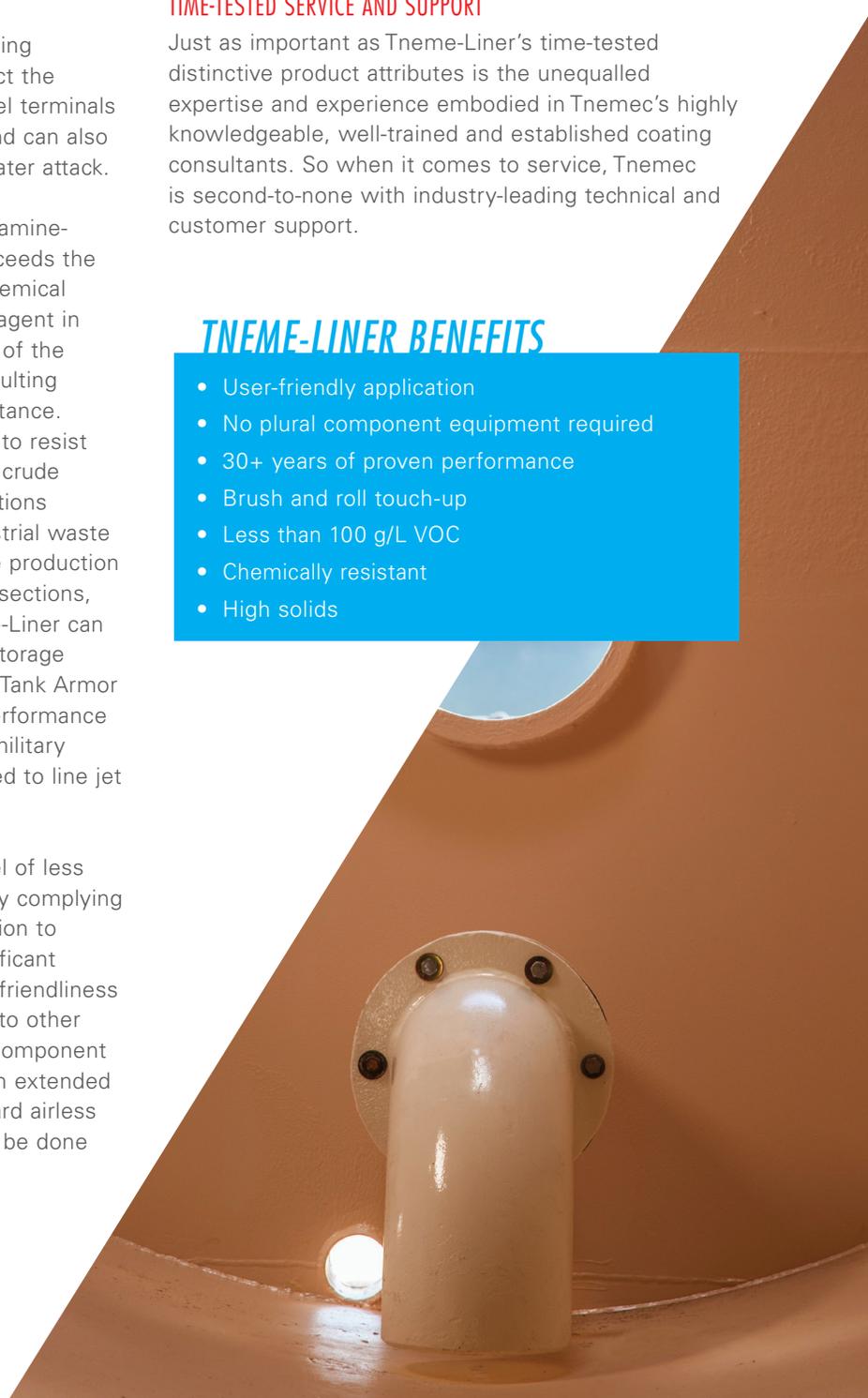
A low volatile organic compound (VOC) level of less than 100 g/L allows for easy specification by complying with the toughest VOC regulations. In addition to extreme chemical and fuel resistance, significant advantages of Tneme-Liner include its user-friendliness and easy application properties. Compared to other lining technologies that may require plural component application equipment, Tneme-Liner, with an extended recoat window, is spray-applied with standard airless equipment and touch-up of small areas can be done by hand with a brush or roller.

TIME-TESTED SERVICE AND SUPPORT

Just as important as Tneme-Liner's time-tested distinctive product attributes is the unequalled expertise and experience embodied in Tnemec's highly knowledgeable, well-trained and established coating consultants. So when it comes to service, Tnemec is second-to-none with industry-leading technical and customer support.

TNEME-LINER BENEFITS

- User-friendly application
- No plural component equipment required
- 30+ years of proven performance
- Brush and roll touch-up
- Less than 100 g/L VOC
- Chemically resistant
- High solids



right: Shanghai Chemical Industrial Park
Shanghai, China

CHEMICAL RESISTANCE

Below is a list of chemicals for which Tnemec-Liner is commonly used. For more detailed product information, application information, or a complete list of fuel and chemical resistance, contact your Tnemec coatings consultant.

| CHEMICAL NAME | INTENDED USE |
|------------------------------------|--------------------|
| Crude Oil (sour) | IS, SC, FC, OC |
| Crude Oil (sweet) | IS, SC, FC, OC |
| Diesel Fuel | IS, SC, FC, OC |
| Ethanol | IS, SC, FC, OC |
| Gasohol | IS, SC, FC, OC |
| Gasoline (unleaded) | IS, SC, FC, OC |
| Hydraulic Fluid | IS, SC, FC, OC |
| Jet A Fuel | IS, SC, FC, OC |
| JP-4 Aviation Fuel | IS, SC, FC, OC |
| JP-5 Aviation Fuel | IS, SC, FC, OC |
| Kerosene | IS, SC, FC, OC |
| Lubricating Oil (SAE 5W-40, et al) | IS, SC, FC, OC |
| Naphtha | IS, CI, SC, FC, OC |
| Polyethylene Glycol | IS, CI, SC, FC, OC |
| Skydrol | IS, SC, FC, OC |
| Toluene | IS, SC, FC, OC |
| Transmission Fluid | IS, CI, SC, FC, OC |
| Urea (50%) | IS, SC, FC, OC |
| Xylene | IS, SC, FC, OC |

(IS) - Immersion Service
(CI) - Cargo Immersion
(SC) - Secondary Containment
(FC) - Frequent Contact
(OC) - Occasional Contact

Note: Intended use exposure data is based on 100°F (38°C).

INNOVATION IN EVERY COAT™