SHERWIN WILLIAMS

Protective & Marine Coatings

FIRETEX® M89/02

Thermal barrier/cryogenic spill protection

FIRETEX®

INTUMESCENT PASSIVE FIRE PROTECTION

FIRETEX® FX89/02

Thermal barrier/cryogenic spill protection

Innovation is a key guiding value of our business

FIRETEX® M89/02 is a seamless, 100% solids, epoxy resin based insulation product that can be used at operating temperatures as low as -75°C and as high as +150°C.

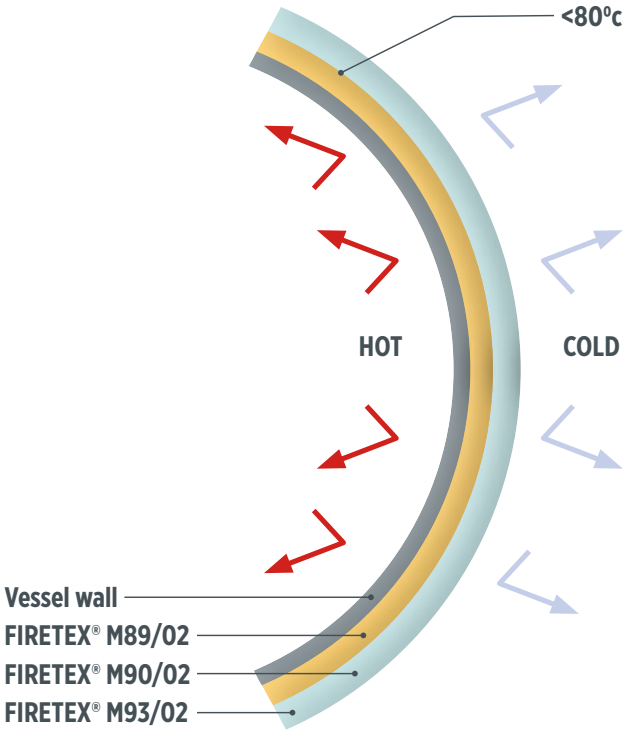
As a fully tested, fully compatible insulating layer, FIRETEX® M89/02 can be used in conjunction with the FIRETEX® M90 Series to provide protection against hydrocarbon fire, jet fire and cryogenic spillage.

FIRETEX® M89/02 offers both cryogenic spill protection and fire protection to structures which may be subject to the spillage of Liquid Natural Gas (LNG) and subsequent fire hazards.

Tested for freeze-thaw cycling, impact resistance, flexibility, compressive strength and adhesion, as well as resistance to salt and fresh water immersion.

It offers corrosion protection of surfaces under insulation and it may also be used as a light weight deck filling product for use underneath Epidek™ M153 and Epidek™ M339 systems.

Schematic of hot vessel wall



High insulation properties

- Temperature range from -75ºC to +150ºC.
- No loss of thermal efficiency.
- No need to add additional material to compensate.
- Insulation and corrosion protection combined.
- The system provides reliable protection against both LNG spillage and hydrocarbon fire.

Faster, flexible application

- Faster more economical application.
- No damage to glass spheres when spray applied.
- Reduced material weight.
- 100% volume solids.
- VOC free.

Technical information

Recommended use:	Suitable for use at sustained operating temperatures of up to 150°C.
Fire protection:	As a fully tested, fully compatible insulating layer, FIRETEX® M89/02 can be used in conjunction with the FIRETEX® M90 Series to provide protection against hydrocarbon fire, jet fire and cryogenic spillage.
Certification:	Cryogenic spill simulation where systems are immersed in liquid nitrogen and then immediately exposed to the extreme temperatures of a 60 minute hydrocarbon fire test to UL1709.
Durability:	C5 When used in conjunction with Sherwin-Williams recommended primers & topcoats.
Volume solids:	100% mixed.
Primers:	Contact a Sherwin-Williams representative.
Approved topcoats:	Contact a Sherwin-Williams representative.
Application:	Plural component spray, trowel.
Time to touch dry:	12hrs @ 5ºC, 11hrs @ 10ºC, 10hrs @ 15ºC, 8hrs @ 23ºC.
Time to recoat:	36hrs @ 5ºC, 30hrs @ 10ºC, 24hrs @ 15ºC, 16hrs @ 23ºC.
Time to handle:	8hrs @ 5ºC, 36hrs @ 10ºC, 24hrs @ 15ºC, 16hrs @ 23ºC.
Endorsement:	NORSOK M501 Rev 6 system 5A.

The Sherwin-Williams Company

With over 150 years experience in the coatings industry we understand how critical it is that your investment gives you a quality, long term fire protection system, which performs in demanding environments.

Whether you specify FIRETEX® alone or in conjunction with Sherwin-Williams exceptional primers and topcoats, you can be assured that you are selecting a passive fire protection system that has been researched, developed and tested to the highest international standards.

Speak to your Sherwin-Williams representative to get an estimate on your next project using FIRETEX® intumescent materials.

FIRETEX®

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To learn more, contact us

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04/19 EMEA0005/V05