



NAX-FS

Technical Data Sheet

► Production Description

A water-based acrylic intumescent firestop sealant for linear joint seals and penetration seals, small to medium-sized cable and conduit penetrations.

► Applications

- Fire seal for single cables and bundles
- Sealing of conduits
- Sealing of blank openings
- Sealing of irregular openings

► Certificates

- Iran National Standard 12055-1:1
- BS-EN 1363-1:1999
- BS EN 1366-3:2009

► Outstanding Characteristics

- Easy to dispense, apply and tool
- Strong adhesion to various base materials
- Low shrinkage after curing
- Excellent airborne sound insulation property
- Broad application temperature range

► Surface Preparation

Clean opening. Surfaces to which NAX-FP will be applied should be dry, cleaned of loose debris, dirt, oil, wax, and grease. Use wire brushing for cleaning.

► Technical Data

Chemical basis	Water-based acrylic sealant
Volume shrinkage	10% ~ 20%
Reaction to fire class	Class E
Ignition Point	280°C
Density	1.2 Kg/Lit
Ph	6 ~ 7
Shelf Temp.	5°C ~ 25°C
Shelf life	24 months @ 23°C
Package	22 kg containers
Color	Grey ⁱ

► Application Details

Application Method	spray, brush, roller, trowel
Surface Temperature	13 °C ~ 40 °C
Thinner/Cleaner	Fresh water
Dry film thickness	200 ~ 720 µm
Wet film thickness	300 ~ 1000 µm

► Drying and Curing time

Substrate temperature	10 °C	23 °C	40 °C
Surface (touch) dry	4 h	2 h	1 h
Dry to handle	16 h	6 h	4 h
Dry to over coat, minimum	16 h	6 h	4 h

All drying times have been measured at a wet film thickness of 3000 µm under controlled temperature and relative humidity below 80 %.

Notes:

i. The original color is white, but according to the customers need, it can be produced in any color.

ii. Film Thickness may be specified in another film thickness that indicated depending on purpose and area of use. This will alter the spreading rate and may influence the amount of thinning necessary, drying time and recoating interval.