



NAFTEX® PSA/17 **Primer (Sealer/Key-Coat)** Enhances Bond Strength & Adhesion

PRODUCT DESCRIPTION

NAFTEX PSA/17 is a Water Based Sealer / Key-Coat for use alongside Passive Fire Protection System to enhance bond and create a pH barrier insuring good adhesion when applied direct on structural steel or used on suitable or unsuitable existing primers and coatings. Used as first layer for cement based PFP materials.

PRODUCT ADVANTAGES

- Ensures proper bond between the substrate and NAFCO's wet spray, cement based fire resistive materials
- Seals existing coatings to eliminate any potential adverse effects from SFRM application.
- Efficient application with fast dry times
- Easily identifiable light blue color
- Environmentally friendly contents and packaging

Technical Data

Chemical data:

Base material:	poly styrene acrylate resin
Components:	1
Drying:	Evaporation of solvent – water
Base pigment:	Lithopone
Dry Film Thickness:	67.5% ± 2
Volume Solids:	61% ± 2

Physical data:

Color / Finish:	Light blue / Matt
Density:	1.23 Kg/Lit
Theoretical Coverage:	7.1 m ² /Lit with 70 microns of dry film thickness.

Spray procedure

Preparation of Substrate: Substrate should be well cleaned, use wire brush, sandpaper or electrical equipment or sandblast as per Sa.2 Swedish Standard design.

	Airless	Spray
Nozzle size:	13 – 14 mm	1.8 - 2.5 mm
Air pressure:	13500 kPa	200 kPa
Added water:	< 10 %	0 – 5 %

Application by roller or brush is acceptable.

Film Thickness

Wet film thickness: 140 microns

Dry film thickness: 70 microns

Drying Time

Based on temperature of 25°C for a wet film of 100 microns.

Touch dry: 40 – 60 minutes

Effective dryness: 4 – 6 hours

Duration of Total dryness: 7 days

Application Condition

Ambiance temperature: 5 to 45°C

Maximum humidity: 80%

Substrate temperature: 5 – 45°C (At least 3 degrees above dew point)

After termination of spray, clean all working equipment with water.

Packaging / Storage

Packaging: In 25 Lit. plastic pails

Storage: Keep away from direct sunlight and in temperature of between 5 to 40°C.

Storage period: 9 months

Health and Safety Recommendation

Avoid all contacts:

- Wear gloves, eye protection and face mask.
- If it contacts skin, wash affected area with soap and water for a long period. If it contacts the eyes, wash with plenty of water and make sure below eye lids are thoroughly washed.
- In case of inhalation, go into open area and breathe fresh air.

- If swallowed, drink few glasses of water to dilute stomach content, avoid forced vomiting.
- In all above cases, if problem persists, seek medical attention.
- In case of spillage, cover the spilled material with dry dirt or sand, and dispose afterwards.