



32-20/ 21/ 22

Foster Protektor Sealant

Colour

32-20 Yellow, 32-21 Blue, 32-22 Untinted

Type

Acrylic Copolymer

Volatile

Water

Weight per U.S. Gallon (ASTM D1475)

8.5 pounds (1.02 kg/litre)

Average Non-Volatile

11% (volume)

Application Consistency

Airless Spray

Odour

Mild when wet; none when dry.

Average Coverage Range

Subject to the thickness, absorbency and nature of the asbestos container material (ACM) being encapsulated 2 to 10 gallons/100 sq. ft. (0.82 to 4.07 l/m²), applied in 2 coats of 1 to 5 gallons/100 sq. ft. (0.41 to 2.03 l/m²) each. Sprayed patch tests should always be conducted to determine actual on-the-job coverage rates for the insulation to be encapsulated, ideally duplicating the anticipated project application mechanics and environment. This will help determine the number of coats needed to achieve saturation and, upon curing, will exemplify the effectiveness of the finished product.

Service Temperature Limits (FSTM-70)

(Temperature at coated surface of encapsulated ACM.)
Minus 20°F (-29°C) to 250°F (121°C).

Safety

Wet Flammability (ASTM D3278)
No flash to boiling, 205°F (96°C)

Surface Flame Spread (dry) (ASTM E84):

Flame Spread: 5

Smoke Developed: 0

Applied to ¼ inch (6.35 mm) cement board at a coverage rate of 10 gallons/100 sq.ft. (4.07 l/m²).

Surface Flame Spread (ASTM E162)

5, on 1 inch (25.4 mm) sprayed mineral wool insulation. The flame spread may vary at different product thicknesses and/or when applied over surfaces other than asbestos cement board and sprayed mineral wool insulation.

Protektor Sealant is a single-component, penetrating encapsulation coating for abating asbestos fibre fallout (retention method).

Protektor Sealant penetrates deeply into the asbestos containing materials, then dries to form a firm, lightweight, damage-resistant surface.

Limitations

As an Encapsulant – do not store or apply below 40°F (4°C) or above 100°F (38°C).

As a Post Removal Residual Encapsulant – do not store or apply below 40°F (4°C) or to surfaces operating at, or intended to operate at, temperatures in excess of 250°F (121°C).

For Interior Use Only.

Do Not Dilute.

FSTM: Foster Standard Test Method



FOSTER PROTEKTOR SEALANT 32-20 / 32-21 / 32-22

Material Preparation

Stir well but do not use sticks, boards, or anything else which would splinter or otherwise contaminate product. Do not thin.

Spray Equipment

High output electric airless spray application equipment is ideal, but pneumatic or hydraulic equipment can be used.

Protektor Sealant can be applied with virtually any type of airless spray equipment on the market today since it is water thin in consistency. Any of the following Graco spray rigs (or their equivalent) are suggested: EM-380, EM-400, EH-333 or EH-433. Pressure setting should be set as low as possible while still achieving atomization.

Clean-Up

Use fresh water to clean equipment before the product dries. Dry product may be removed with hot soapy water or strong solvents such as white spirit.

This data sheet is based on specifications, data and test results available to us at the time of publication.

In the course of time changes herein may (have) take(n) place. The above tests were carried out in accordance with the above mentioned internal test standards and are indicative. No guarantee as to completeness, accuracy or results is either expressed or implied. The suitability to an intended use is the responsibility of the user. As material-choice, method of application and site conditions are beyond our control, we accept no liability for direct or consequential damages; our only obligation being to resupply ex our stores any material that is proved to be defective within the published* shelf life.

* If not applicable, within 6 months from date of supply.