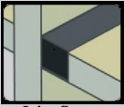




INSS0285 Smoke & Acoustic Sealant

Applications



Joint System



Partition Wall



Description

INSS0285 is a high performance acrylic based sealant for sealing construction joints and through penetrations in non fire-rated assemblies.

Applications

Reducing the transmission of sound through wall openings.
Stopping the passage of smoke in smoke barrier walls.
Stopping air leakage to reduce the passage of dust and airborne infectious particles.

Features

- Low VOC, single component
- Excellent caulking and spraying properties
- Silicone, halogen, asbestos and solvent free.
- Excellent airborne sound insulation.
- Smoke and fume resistant.
- Easy clean up with water.
- Low volume shrinkage.
- Paintable.

*Available in caulking and sprayable grades.

Technical Data

Color	White
Chemical basis	Water based acrylic dispersion
Density	1.6 ± 0.1 g/cm ³
Skin-forming time	Approx. 25 min
Curing time	3mm/3days (@ 25°C/ RH50%)
Elongation at break	300%
Typical thickness temperature	1mm WFT = 0.7mm DFT
Application temperature	40° F - 104° F (5° C - 40° C)
In-Service Temperature	-13° F - 176° F (-25° C - 80° C)
Storage Temperature	50° F - 95° F (10° C - 35° C)
Mold and mildew (ASTM G21)	Mold resistant (Class 0)
Volume Shrinkage(ASTM C1241)	22.3%
VOC	42g/L
Surface burning characteristics UL 723 (ASTM E84)	Flame spread: 0 Smoke development: 5
STC Rating	63 (per construction type)
Packaging	310ml/Tube; 25Tubes/CTN 20 fl. oz./Sausage; 20 Sausages/CTN 5Gal./Pail (SPRAYABLE)

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Installation Guide (Caulking Type)

1. Application substrate should be cleaned of loose debris, dirt, oil, wax, grease and other contaminants the surface must be moisture and frost free.
2. Install backing material as needed. The depth of the joint should be 1/4" (6 mm) minimum to 3/8" (9 mm) maximum.
Sealant can be applied with standard or bulk caulking guns, manual trowel or spray application. Apply sealant in opening and work into all areas eliminating voids or seams and making complete contact with substrate.

Spraying guide (Spray Type)

1. Mix INSS0285 SPRAY thoroughly using a power agitator before application. Thinning is normally not required, if necessary, use potable water (3% max.) to adjust viscosity.
2. Apply via airless spray equipment in a single pass not more than 1mm WFT to prevent sagging.
3. Recommended sprayer:
Model: Graco 1095 (3300psi)
Filter in machine: 60 mesh
Filter in spray gun: 100 mesh
Tip: 517-523
4. Recommended application temperature shall be between 5~40°C (40~104°F).
5. Do not allow the sealant material to remain in hoses, gun or spray equipment when not in use. Clean all equipment with water immediately after use.
6. All unused sealant should be stored in tightly closed container. Surface skinning may occur in a partially filled container in which case filter the material prior to use.
7. Wet film thickness approx. 1mm cures to 0.64mm dry film. Thickness measurement - wet film thickness of sealant layer can be measured using a wet film thickness gauge. The dry film thickness can be verified using calipers or micrometers.

Limitations

- Not for use in areas immersed in water. The sealant can only be removed mechanically once cured.
- This product is NOT intended for use in fire rated construction.



International Fireproof Technology, Inc.
The Ultimate in Firestop Solutions and Fire Protective Coatings

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