

# INSS1186 Elastomeric FireCaulk



## Description

INSS1186 Elastomeric FireCaulk is a water based acrylic elastomeric resin material that offers excellent flexibility even after full curing. INSS1186 is tested in accordance with UL 2079 and ULC S115 for use on dynamic joints system, partition wall joints, and through penetrations. INSS1186 can be applied by brush, roll coating bulk caulking gun or trowel. Compatible with and adheres to mineral wool, calcium silicate board, plasterboard, cement or ceramic fiber board.

## Uses

Wall to wall, wall to floor joint system

## Feature

- Water based
- Organic solvent free
- Withstands compression and extension in dynamic joints
- Water resistant and air-tight
- Halogen free
- Asbestos free
- Environmentally friendly
- Single component, easy application
- Can be applied with an airless spray

## Specification

<b>Density</b>	1.5±0.1 g/cm <sup>3</sup>
<b>Tack-free time</b>	Approx. 30min.
<b>Curing Time</b>	3~14 days (depend on thickness and ambient temperature)
<b>Maximum cyclic movement</b>	±12.5% (ASTM C719)
<b>VOC</b>	<50 g/L
<b>STC Rating (ASTM E90)</b>	63(per construction type)
<b>Storage</b>	10°C - 30°C (50°F - 86°F)
<b>Package</b>	310ml/Tube ; 25Tubes/CTN 20 fl.Oz/Sausage ; 20 Sausages/CTN 1G/Pail, 5G/Pail
<b>Shelf Life</b>	2 years

## Application



Joint systems



Plastic pipe

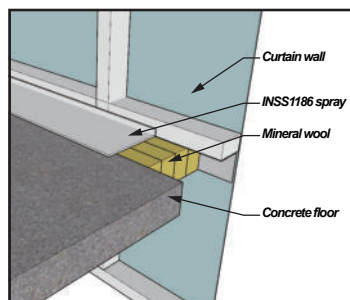


Multiple penetration



## Test

- UL2079, Assembly Rating 3-hours, L Rating (Movement capability ±8%)
- ASTM E 2307 3-hours F Rating, 2-hours T Rating (Movement capability: Horizontal ±12.5%, Vertical ±5%)
- ASTM E1966
- CAN/ULC S115, F, FT, FH, FTH Rating, 3 hours
- CNS15814-1
- CNS16071 3-hours F Rating : 1hour T Rating



Drawing 1  
Curtain wall application



Drawing 2  
WAGNER PS 3.34 Airless spraying machine

## Installation guide

1. Remove surface contaminants such as dirt, oil, rust or other previous adhesive, to ensure a clean surface for excellent adhesion.
2. Does not require a primer in most cases, however test to ensure adhesion if in question.
3. Mineral wool batt may be required in joint systems. Cut material oversize and tightly stuff into opening to completely fill annular space. Compress into joint to allow proper depth of firestop caulk to be applied.
4. Trowel by using a mason's trowel or putty knife. Apply INSS1186 to required depth on mineral wool.
5. Can be applied to vertical or horizontal surface to avoid sag when applied to vertical surfaces install 2-3 thinner applications until required depth is achieved, allow to cure slightly between coats.
6. Full curing may take 3-7 days, depending on the applied thickness and ambient condition. Avoid contact with moisture prior to fully curing.