

CI/SfB	Yt4
CAW P22	
Uniclass L675:P743	
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FA160 Lead Sealant

Lead Flashing Sealant

KEY BENEFITS SUMMARY

- Conformance: ISO11600-F&G-25LM
- Non-aggressive curing
- No priming required
- Accommodates movement
- Weatherproof
- Colour: lead grey

PRODUCT INFORMATION

Description

Tremco FA160 Lead Sealant (formerly Tremsil Lead Sealant) cures rapidly to form a permanently flexible and extremely durable watertight seal around lead flashings.

Usage / Purpose

Tremco FA160 Lead Sealant is specifically formulated for sealing lead flashings into chases cut into brick, stone and concrete around external building and roofing features. The product is chemically compatible with most construction materials and cures to give a finished joint that is superior to traditional mortar based solutions in terms of seal quality, lifetime, movement accommodation and appearance.

LIMITATIONS

May discolour when in contact with bitumen, or asphalt or marble. Lead flashings must be securely wedged before application of the sealant Do not use in permanently submerged joints. Do not use on apply to surfaces in direct contact with food. Not recommended for fixing mirrors.

Colour

Lead grey

Packaging

310ml cartridges (20 per case)

Availability

Direct from Tremco illbruck (see back of leaflet for address and telephone details) or via local and national distributors.

USAGE GUIDELINES

Chemical Resistance

Tremco FA160 Lead Sealant is resistant to normal cleaning products. Contact with oils, fats, glycols and fuel oils may cause some softening and swelling, both of which are reversible.

Surface Preparation

- Priming is not required with glass, glazed surfaces, enamel and anodised aluminium surfaces.
- Other surfaces should be tested to determine if priming is required. All surfaces must be clean, dry, sound and free from dust and any other contamination.
- All surface treatments and protective coatings should be removed. If necessary, clean surfaces with a suitable non-oily solvent.
- Any previously applied sealant must be mechanically removed.
- Joint width and depth should not be less than 3 mm. For joint widths of 6mm or more, the joint depth should be half the joint width. Deep joints should be filled with an approved material such as illbruck FM617 High Yield 360° PU Foam or illbruck FM310 Gun Grade Foam. In movement joints, use closed cell polyethylene foam backer rod to prevent three - sided adhesion.

- If required, apply masking tape to prevent contamination of adjacent surfaces.

Application

- Cut off the end of the cartridge thread with a sharp knife, avoiding damage to the thread.
- Cut the nozzle to desired size and angle and screw on to the cartridge.
- Fit the cartridge into an application gun and apply the sealant to the prepared joint using even pressure on the gun trigger.
- Ensure good contact to the joint surfaces by tooling the sealant with a spatula or knife.
- Remove any masking tape immediately after tooling the sealant, before a surface skin has formed.
- The sealant will be tack free in approximately 25 minutes and will be fully cured within 1 to 5 days depending on the joint depth, humidity and ambient temperature, sealant and any traces of contaminant which may affect adhesion.

Coverage Rate

(Approximate Linear Metres per 310ml Cartridge)

Width →	6 mm	10 mm	20 mm	25 mm
↓ Depth				
6 mm	8.6	5.2	-	-
10 mm	-	-	1.6	-
12 mm	-	-	-	1.0

Fillet Joints Triangular Cross Section

$$6 \text{ mm} \times 6 \text{ mm} = 17.0$$

$$10 \text{ mm} \times 10 \text{ mm} = 6.2$$

Cleaning

Immediately remove excess sealant and smears adjacent to the joint (use masking tape where appropriate). Cured sealant can only be removed by abrasion.

FA160 Tremsil Lead Sealant

TECHNICAL INFORMATION

	Test Method	Result (Typical Values)
Composition		neutral cure silicone sealant with fungicide
Specific Gravity		1.01
Consistency	ISO 7390, profile U20	non-sag
Skin Forming Time	at 23°C, 50% RH	10 minutes
Cure Rate	at 23°C, 50% RH	1-2 mm/day
Tensile Strength	ISO 8339	0.4 MPa
Ultimate Elongation	ISO 8339	200%
Modulus at 100% Elongation	ISO 8339	0.3 MPa
Elastic Recovery	ISO 7389	85%
Service Temperature Range		-40°C to +120°C

Health & Safety Precautions

Product Health and Safety Data Sheet must be read and understood before use.

Storage

Store in dry conditions between +5°C and +25°C.

Shelf Life

12 months when stored in its original unopened packaging.

Technical Service

Tremco illbruck has a team of experienced Technical Sales Representatives who provide assistance in the selection and specification of products. For more detailed information, service and advice, please call Customer Services on 01942 251400.

Guarantee / Warranty

Tremco illbruck products are manufactured to rigid standards of quality. Any product which has been applied (a) in accordance with Tremco illbruck written instructions and (b) in any application recommended by Tremco illbruck, but which is proved to be defective, will be replaced free of charge.

No liability can be accepted for the information provided in this leaflet although it is published in good faith and believed to be correct.

Tremco illbruck Limited reserves the right to alter product specifications without prior notice, in line with Company policy of continuous development and improvement.