



Technical Data Sheet

FM310

MULTI FOAM PRO

09-08-2023

Description

FM310 is suitable for general gap filling, bonding and insulation applications. These include the perimeter sealing and fixing of windows and doors, sealing of service penetrations and sealing around insulation panels.

Features and Benefits

- Ideal for filling, sealing and insulation of joints and gaps in a variety of building and construction applications
- Resistant to heat, water and many chemicals
- Can be painted over and finished with plaster
- Professional quality
- High filling capacity
- Very good acoustic properties
- Longer shelf life: 24 months

Usage Purpose

FM310 is suitable for general gap filling, bonding and insulation applications. These include partition walls with floors and partition walls among themselves, adjustment and assembly spaces between prefabricated elements, the perimeter sealing of service penetrations and sealing around insulation panels.

Packaging

750 ml pressurised canister (12 per carton)

Storage

Store in shaded dry conditions between +10°C and +30°C. Store canisters upright. The product is contained in a pressurised container. Observe storage instructions and do not apply heat.

Shelf Life

24 months

Available Colour

Green

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Technical Characteristics

Property	Test Method	Result
Compression Resistance @ 10% (Dry)	EN 17333-4	44 kPa
Compression Resistance @ 10% (Wet)	EN 17333-4	37 kPa
Cut Time (Min)	EN 17333-3	45 min.
Fill Joint Up To		80%
Fire Classification	DIN 4102-1	B3
Foam Type		Gun
Limits Ambient Temperature		-10 / +35 °C
Limits Canister Temperature		+10 / +30 °C
Loading Time		24h
Shear Strength (Dry)	EN 17333-4	51 kPa
Shear Strength (Wet)	EN 17333-4	45 kPa
Shelf Life (Dry Room And Unopened)		24 months
Storage Temperature		+10 / +30 °C
Tack Free	EN 17333-3	10 min.
Temperature Resistance (Long)		-40 / +90 °C
Temperature Resistance (Short)		-40 / +130 °C
Tensile Strength (Dry)	EN 17333-4	97 kPa
Tensile Strength (Wet)	EN 17333-4	106 kPa
Thermal Conductivity	EN 12667	36 mW/m.K
Yield Based On Nett Content (Box)	EN 17333-1	46 L

Preparation

Always carry out a test to confirm compatibility prior to use. Protect floor coverings with paper or a plastic film. The surfaces must be dry, solid, stable and capable of carrying the load of the panels to be installed. Remove all loose particles, dust and grease. A speedier cure can be attained by moistening the substrates if needed.

Application

Shake the canister vigorously at least 20 times. Remove the protective cap and screw canister onto the illbruck PU foamgun. For use with the AA210 nozzle, fix the nozzle on the valve and turn by 90 degrees before use. When using, the canister should be kept upside down. Foam volume is regulated by using the adjusting screw and gun's trigger. Joints should be underfilled to allow for post expansion of the foam. Fill to approximately 80% of joint depth for optimum results. For best results always work with the canister in a vertical position and keep the valve pointed

downwards. On horizontal surfaces always work away from the exuding bead and work upwards on all vertical surfaces. When filling deep joints up to 70mm apply in layers, waiting until each layer has skinned and partially cured before applying the next. Applying a light misting of clean water between each layer before subsequent application will assist adhesion and curespeed.

Tool Cleaning

Uncured foam can be removed with the AA290 PU Solvent Cleaner. Cured foam can only be removed mechanically by means of a suitable tool. Ensure surface is solvent resistant before cleaning.

Health And Safety Precautions

Safety data sheet must be read and understood before use. Extremely flammable - keep away from open flames and other ignition sources.



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Protective Equipment

USE IN WELL VENTILATED CONDITIONS and ensure all recommended protective equipment is worn during handling & use of this product. For full recommendations, refer to the safety data sheet.

Please Note

FM310 is not UV resistant and should be protected from sunlight with a suitable opaque sealant, filler, architrave or paint. As with all PU foams, it does not bond to polythene, Teflon®, siliconised or wax-like surfaces.

Technical Service

Tremco CPG 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 your local Customer Services.

Guarantee/Warranty

>PLEASE ADD YOUR LOCAL
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