

CI/SfB		Yt4	
CAW P22			
Uniclass L675:P74			

Description

OS120 is a rapid curing duct sealant which gives a firm but flexible seal in low movement joints which is based on a solvented rubber-based formulation.

Colour

Grey

Packaging

380 ml cartridges (12 per carton)

Technical Information

Property	Test Method	Result
Composition		synthetic rubber
Specific Gravity		1.3
Shore A Hardness		40-45
Skin Forming Time	at +23°C, 50% RH	< 5 minutes
Cure Rate		> 4 mm / 24 hours *
Application Temperature		+5°C to +35°C
Service Temperature		-40°C to +100°C
Storage		Store in dry conditions between +5°C and +20°C.
Shelf Life		12 months when stored as recommended in original unopened containers

** This time is shorter when temperature and relative humidity are higher. To avoid defective bonding, open time must not be excessive.*

Necessary Tools

- Cartridge gun and sharp knife.

Protective Equipment

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

Priming

- No priming required.

Surface Preparation

- Joints should be clean, dry and free from substances likely to impair adhesion.
- Loose friable material should be removed.
- Joint width and joint depth should not be less than 3 mm to ensure adequate penetration of the sealant and performance.

Joint Backing

- If necessary back fill the joint with polyethylene joint backing in order to control the depth of sealant.

Application

- The user is advised to conduct tests to determine the suitability of the product for the intended application prior to use.
- Apply with conventional skeleton gun at temperatures



OS120

Duct Sealant



Usage / Purpose

OS120 is a rapid curing duct sealant which gives a firm but flexible seal in low movement joints. It has been designed for permanent sealing in low, medium and high pressure ductwork installations to prevent loss of air pressure. When correctly applied, the product is capable of sealing to the air leakage requirement of Class C to HVCA standard DW 144.

Key Benefits

- Prevents air leakage in low, medium and high pressure ductwork
- Can be used to meet requirements of Class C to HVCA standard DW 144
- Rapid curing - allows fast track sealing of ductwork

between +5°C and +40°C.

FLANGE JOINTS

- Apply a strip of TN013 Flange Sealing Tape around the inside perimeter of the joint to be sealed to act as a spacer.
- Apply a continuous bead of OS120 around the external perimeter. Assemble the joint and strike off any excess adhesive.
- Alternatively, apply a continuous bead between the flanges around the edge of the gasket after assembly and firmly tool into the joint.

SEAM JOINTS

- Firmly gun a bead of sealant along the seam and tool as required.

SPIGOT JOINTS (spiral ducting)

- Apply a thick coat of sealant to the male end of the coupling, slide on the straight run of ducting and mechanically fasten.
- Strike off any excess material over the exterior of the assembly and screw heads. Leave to cure fully before pressure testing and commissioning.
- The rate of cure in the joint is dependent on the ambient environmental conditions and also the assembled joint arrangement and the depth of the sealant between the joint faces.

Cleaning

Remove excess sealant immediately with AT200 High Strength Cleaner. Ensure surface is solvent resistant before cleaning. Cured sealant can only be removed mechanically.

Please Note

Not recommended for use in conditions of continuous water immersion, below ground level, in areas subject to abrasion or in contact with bituminous surfaces.

Health & Safety Precautions

Safety data sheet must be read and understood before use.

Highly flammable - keep away from open flames and other ignition sources.

Technical Service

tremco CPG UK Ltd 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 CPG UK Ltd products are manufactured to rigid standards of quality. Any product which has been applied (a) in accordance with tremco

CPG UK Ltd written instructions and (b) in any application recommended by tremco CPG UK Ltd, 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 CPG UK Ltd Limited reserves the right to alter product specifications without prior notice, in line with Company policy of continuous development and improvement.



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