



DUCTMATE[®] Sealant
(Europe) Ltd

ACCESSORIES

795 Duct Sealant



Flexible Duct Sealant for Sheet Metal Applications

- ◆ Flowable at ambient temperatures
- ◆ Excellent adhesion
- ◆ Cures rapidly and remains flexible
- ◆ Cured flash point 200° C
- ◆ Meets DW144 Specifications
- ◆ Solids exceed 70%

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Technical Data Sheet

DESCRIPTION

A high quality solvent-release duct sealant made from a blend of rubber, fillers and polymers. 795 Sealant is a plastic sealant as defined in BS6213:1982 "Selection of Construction Sealants". Grey in colour.

USES

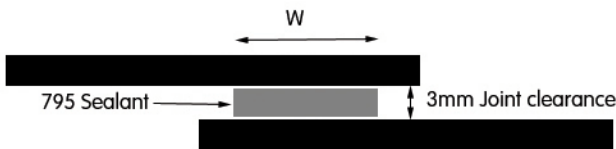
For sealing seams and joints in duct work.

CURE

Cures by release of solvent. An initial skin forms within 4 hours, no curing reaction occurs. When all solvent has been released the material remains inert and very pliable.

JOINT DESIGN

795 Sealant has been designed for use in bedding joints. The performance therefore depends on the degree of movement and the joint clearance.



For movement joints, a joint clearance of 3mm is recommended with a sealant width (w) of 12mm. When used for bedding then a thin section can be used.

PERFORMANCE

The following information assumes good joint design.

Movement accommodation:	+/- 10% 795 Sealant is designed for use in bedding and lap joints.
Adhesion:	Good to metal, wood, brick, concrete, glass, and plastics.
UV Light Resistance:	Good
Chemical Resistance:	Good to dilute acids and alkalis
Service Temperature Range:	-20°C to +90°C
Expected Life:	15 Years dependant on joint size and service temperature, longer if protected from UV light.
Shelf Life:	6 Months
Suitability:	Not suitable for surfaces which can be affected by white spirit, e.g. bitumen.

APPLICATION

Surface Preparation:	All surfaces should be clean, dry and free from frost, grease and loose material.
Priming:	Primers are not required for adhesion to metal, wood, brick, and glass.
Application Details:	Cut nozzle to correct diameter for joint size. Apply with skeleton gun or powered gun into joint ensuring good contact with surfaces.
Tooling:	Can be carried out with a wet spatula within 10 minutes of application.
Application Temperature Range:	+5°C to +30°C.

PACKAGING

Packaged into 400ml cartridges with screw-on nozzle. 24 cartridges per carton.

ESTIMATING QUANTITIES

Measure linear metres of joint and use table to establish number of cartridges required.

- ◆ Order in carton quantities. (wastage not included)

Joint Width mm	Joint Depth mm				
	3	6	9	12	15
3	44.4	22.2	14.8	11.1	8.9
6	22.2	11.1	7.4	5.6	4.4
9	14.8	7.4	4.9	3.7	3.0
12	11.1	5.6	3.7	2.8	2.2
15	8.9	4.4	3.0	2.2	1.8
18	7.4	3.7	2.5	1.9	1.5
25	5.3	2.7	1.8	1.3	1.1

HEALTH and SAFETY

- ◆ Contains white spirit.
- ◆ Avoid contact with skin and wash hands immediately after use.
- ◆ Flash point 47°C

ESTIMATING QUANTITIES

The information given in this product sheet is based on test and experience which we believe to be correct, however, no guarantee can be offered as the conditions in use are beyond our control. Product formulations may be altered without notice.