

Description

This is a non-sag 1-component polyurethane adhesive of thixotropic, paste-like consistency which cures on exposure to atmospheric moisture. It exhibits excellent adhesive properties and a good mechanical strength. This meets the low spread of flame requirements set out by the International Maritime Organisation (IMO).

Features

- Good gap-filling properties
- Can be painted
- Bonds well to a wide variety of substrates
- Wheelmark approved
- Solvent free and very low VOC

Specifications

Chemical base	: 1-component polyurethane
Colour	: White
Cure mechanism	: Moisture-curing
Density (uncured) depending on colour	: 1.3 kg/l
Non-sag properties	: Very good
Application temperature	: 10°C to 40°C
Skin time	: 40 minutes (23°C / 50% r. h.)
Open time	: 30 minutes (23°C / 50% r. h.)
Shrinkage	: 2%
Shore A hardness	: 40
Tensile strength	: 3 MPa
Elongation at break	: 400%
Tear propagation resistance	: 8 N/mm
Tensile lap-shear strength	: 2 MPa
Service temperature	: -50°C to 90°C 4 hours: 120°C 1 hour: 140°C
Shelf life	: 12 months (Storage below 25°C)

Applications

This is suitable for structural joints in marine constructions which will be subjected to high dynamic stresses. It is suitable to bond metals, particularly aluminium (including anodized finishes), metal primers and paint coatings (2-component systems), or ceramic materials, plastics such as GRP (unsaturated polyester resin), ABS, etc.

Part Number Table

Description	Part Number
292I Structural Adhesive, White	292I White

Important Notice : This data sheet and its contents (the "Information") belong to the members of the AVNET group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp Pro is the registered trademark of Premier Farnell Limited 2019.