

NoMorePly PU Adhesive Product Data

Description: A slow setting PU adhesive for use with the foil applicator gun to adhere tongue and groove joints on STS TG4 structural and acoustic boards.

Coverage: 10-12 Boards (7.2m² - 8.6m²)

Size: 600ml

Features and Benefits: **One Component**- Easy and simple application with Foil Applicator Gun

Cured Film - Provides a very good behaviour to heat and good behaviour to hydrolysis.

Water Resistant - Excellent water resistance when used to bond wood to wood.

Great Thermal Mass - Suitable for use with a wide range of underfloor heating systems.

Coverage - Good coverage per tube reducing costs.

High Strength - High strength bonds achieved.

Wide Temperature Resistance - Suitable for applications within -30°C to 100°C



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Typical Physical Properties:

Attribute and Test Method:	Specification: (Based on typical performance)
Product Format	Foil Tubes
Size	600ml
Appearance	Thixotropic Paste
Colour	Milky
Viscosity at 20°C Brookfield RVT 7 / 5 rpm:	400,000 +/- 100,000
Density at 20°C	1.07 +/- 0.02
Skin Formation Time at 20°C and 65% RH	10 - 15 min
Open Time at 20°C and 65% RH	10 Min
Pressing Time at 20°C and 65% RH	1h
Final Setting Time at 20°C	24h
Temperature Resistance	-30°C to 100°C

Application:

Ensure all substrates to be bonded are dry, dust free and do not have any grease or contaminants present.

Wearing of gloves is recommended. Slow Set MegaStrength PU Adhesive is to be applied in beads on one of the substrates to be bonded by a gun or deposed with a toothed spatula. Distribute evenly over the entire surface and press to ensure a perfect contact between substrate and adhesive. Exert the maximum possible pressure without deforming the material in an irreversible way. One of the substrates to be bonded must be porous or contain moisture. If both substrates are non-porous, it is imperative to spray a light water mist on the adhesive (10 to 15 g on 100g adhesive) before pressing. The setting time depends on hygrometry and temperature.

It is therefore imperative:

- in case of working under 20°C: to ensure that pressing time is sufficient; - in case of working over 20°C: to ensure that open time and closed assembly time are not excessive.

Otherwise, defective bonding could happen.

NOTE: These products foam slightly on application to fill small gaps. Any excess foam/adhesive must be removed with acetone before the product sets or with a sharp chisel once set.