

SLIPGrip®

SP350 Fix & Seal High Tack Adhesive



DESIGN

SUPPLY

FABRICATE

INSTALL



SP350 Fix & Seal High Tack Adhesive is a one component, non-sagging, elastic adhesive based on hybrid polymers which has been developed to bond materials to floor, wall and ceiling, where the extremely high initial strength of the product is very useful for this high performance adhesive.

SP350 is ideal for a vast range of interior and exterior applications and may be applied to damp substrates.

CHARACTERISTICS

- High initial grab and rapid development of final bond
- Formulation is solvent free, very low odour and chemically neutral
- Instant grab can minimise the need for additional clamping or other mechanical supports
- Good resistance to light, weather and ageing - suitable for internal and external applications

SUITABLE SUBSTRATES

- ✓ Glass
- ✓ Aluminium
- ✓ Ceramics
- ✓ Wood
- ✓ Concrete

GENERAL INFORMATION

Cleaning

Remove excess adhesive immediately. Ensure surface is solvent resistant before cleaning. Cured adhesive can only be removed mechanically.

Please Note

Not suitable for bonding polyethylene, Teflon® or nylon. Not recommended for sheet laminate. Do not use as a structural glazing adhesive. Not suitable for use as a mirror adhesive, or bonding of plastics that are sensitive to stress cracking. Not recommended for prolonged exposure to water. Contact with bituminous or tar containing surfaces can lead to discolouration. Staining on natural stone may occur. If 2 non-porous substrates are glued the maximum width should not exceed 15mm.

TECHNICAL DATA

Property	Test Method	Results
Specific Gravity	DIN 52451-A	~ 1.5
Consistency	EN 27390 20mm profile	0mm , non-sagging
Film Formation Time		~ 20 min, at 23°C/50% R.H.
Cure Rate		~ 4mm/1st day
Volume Shrinkage	DIN 52451	~ 3.4%
Modulus at 25% Elongation	DIN 53504 S2	~ 0.5 N/mm ²
Modulus at 100% Elongation	DIN 53504 S2	~ 1.2 N/mm ²
Tensile Strength	DIN 53504 S2	~ 2.5 N/mm ²
Elongation at Break	DIN 53504 S2	~ 400%
Modulus at 100% Elongation	DIN EN ISO 8339 Method A	~ 1.1 N/mm ²
Tensile Strength	DIN EN ISO 8339 Method A	~ 2.0 N/mm ²
Elongation at Break	DIN EN ISO 8339 Method A	~ 320%
Shore A Hardness	DIN 53505	55
Application Temperature		+5°C up to +40°C
Service Temperature		-40°C up to +90°C
Storage	Store in shaded dry conditions between +5°C and +25°C	
Shelf Life	12 months when stored as recommended in original unopened containers	

PRIMER TABLE

Bricks, Concrete & Stone		Tiles	
Brick	AT140	Glazed Tiles	+, AT140
Concrete	AT140	Tiles Reverse Side	+, AT140
Fibre Cement	+	Unglazed Tiles	+
Natural Stone			
Plaster			
Metals			
Aluminium	+		
Aluminium Anodised	+AT150		
Aluminium Powder Coated	Test in every case		
Brass			
Copper			
Galvanised Steel	+,AT150		
Iron	+,AT150		
Stainless Steel	+		
Glass			
Glass	+		
Plastics			
ABS	AT150		
Acrylic Glass PMMA	-		
Polyamide*	AT150		
Polycarbonate*	-		
Polyester GRP	+		
Polypropylene	-		
Polystyrene	AT150		
PVC Rigid*	AT150		
PVC Soft Sheet/Film*	AT150		
Sanitary Acrylic*	-		
Wood			
Wood*			
Wood Primed			
Wood Painted (acrylic)*			
Wood Stained			

+ Good adhesion can normally be expected without primer.

Reference numbers (e.g. AT111) show the type of primer required to improve adhesion.

Where there is no result listed according to substrate, please contact technical department.

* Substrates can vary in their surface properties; therefore, adhesion tests prior to use are recommended.

- Not recommended on this substrate. This is a general rule on substrates like polyethylene, silicone, butyl rubber, neoprene, EPDM, bituminous or tar containing surfaces as well as on natural stone.

PREPARATION

- ✓ Always carry out a test to confirm compatability prior to use.
- ✓ Surfaces to be bonded must be clean, dry, dust-proof and degreased.
- ✓ Roughen non-porous surfaces
- ✓ No primer is required for materials such as glass, aluminium, ceramics, lacquered wood, epoxy and polyester



These installation instructions are to be used as a guide. Always employ safe practices. It is recommended to first test the suitability of any fixing method on a small area before carrying out a full installation programme.

APPLICATION

Ensure good contact between the joint surfaces before applying adhesive. Apply a bead of adhesive to one or both surfaces. For larger bond areas, apply parallel beads at approx. 100mm spacing, so that after joining the parts, an aerated gap remains between the beads. Bring the two components together immediately. Sufficient working strength will normally develop after 10 minutes.

Width x Depth (mm)	Linear metres per 310ml cartridge
5 x 5	12.4
8 x 6	6.4
10 x 8	3.8
15 x 10	2.0
20 x 12	1.2
25 x 15	0.8
30 x 15	0.6



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