AQUA MAX® INSTANT TACK - PRO POOL QUALITY

CONSTRUCTION ADHESIVE WITH VERY HIGH INITIAL TACK BASED ON INNOVATIVE HYBRID SMP-TECHNOLOGY.



PRODUCT DESCRIPTION

Solvent-free assembly adhesive based on SMP-Polymer Technology with very high initial bond strength and very fast strength gain. Excellent for heavy materials.

FIELD OF APPLICATION

Suitable for mounting signs, mirror panels or safety instructions onto various surfaces in pool surroundings and bonding insulation panels or ceiling elements to concrete, brick, or wood in pool technical areas. Can also be used for fixing protective & decorative panels around pool zones. Bonds to glass, stone, natural stone, concrete, plasterwork, many synthetic materials, wood, chipboard, Trespa®, iron, aluminum, zinc, steel, stainless steel and other metals, ceramic tiles, cork and mirrors.
Not suitable for load-bearing constructions and not suitable for PE, PP, PTFE and bitumen. When gluing plastics always perform an adhesion test first. Adhesion to plastics can vary depending on the type of synthetic and the quality of the plastic.

PROPERTIES

· Very high initial and final bond strength
· UV, water and all-weather resistant
· Permanently elastic
· Very good filling capacity and good standing power
· Non-shrinking, 100% adhesive
· No soiling of joint edges
· Resistant to temperatures between -40°C and +100°C
· Paintable

CERTIFICATES & STANDARDS

Certificates	
TÜVRheinland CERTIFIED	TÜV: Approved and certified by TÜV Rheinland on shear strength, tensile strength, elasticity and adhesion to different materials. Certificate TÜV 43168.
GEV-EMICODE EC 1 PLUS very low emission	EMICODE: Classification system (GEV) of emission properties for construction products in indoor areas. EC-1 Plus (Very low emission Plus)

PREPARATION

Working Conditions: Only apply at temperatures between +5 °C and +40 °C.
Surface Requirements: Surfaces must be clean, dust- and grease-free. Surface must be solid. The surface may be slightly moist. Use of primer not required.
Tools: Cartridge Gun, Sharp Knife or Griffon Multi Tool, if necessary, use a rubber mallet to tap lightly.

APPLICATION

Coverage: Stripes: one cartridge issues approx. 8-15 metres of adhesive (depending on the diameter of the cut nozzle).
Directions for use:
Before using open cartridge at the top by cutting off the plastic nipple above the thread and fix the nozzle onto the cartridge. Depending on the weight of the material, apply the adhesive evenly in vertical strips or dots at intervals of between 10 and 40 cm. Always apply adhesive to the corners and along the edges. Mutual moving of materials (facade panels) can be accommodated through an adhesive thickness of 3 mm (use spacer blocks, or tape). Assemble materials with a sliding movement and press or hammer firmly together. Correction is still possible within 10 minutes. If necessary, clamp or fixate heavy materials for 4 hours. Can be handled after 30 minutes (the connection is now strong enough to withstand transportation or a light load), maximum final strength after approx. 4 hours, depending on the surface and the ambient conditions. Fully cured after a few days (depending on the thickness of the layer). When painting over with alkyd paint, the paint may dry more slowly. Close the cartridge properly immediately after use.
Stains/residue: Use white spirit for cleaning tools and removing wet adhesive residue. Dry adhesive residue can only be removed mechanically.
Points of attention: The following drying times are based on bonding at least one porous material and an adhesive layer of approx. 1 mm thickness. If two non-porous materials are being bonded and/or the layer of adhesive is thicker, the drying times may be substantially longer.

Our advice is based on extensive research and practical experience. However, in view of the large variety of materials and the conditions under which our products are applied, we assume no responsibility for the results obtained and/or any damage caused by the use of the product. Nevertheless, our Service Department is always at your disposal for any advice needed.

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TECHNICAL SPECIFICATIONS

100% modulus:	1.6 MPa
Chemical base:	SMP Polymer
Chemicals resistance:	Good
Colour:	White
Cure rate:	1.5 mm/24h
Density approx.:	1,58 g/cm³
Elasticity:	Good
Elongation of rupture:	125 %
Filling capacity:	Very good
Final bond strength:	250 N/cm²
Final bond strength after:	4 hours. This might vary, based on circumstances, like materials, temperature and humidity.
Hardness (Shore A):	65
Initial Bonding after:	30 minutes. This might vary, based on circumstances, like materials, temperature and humidity.
Initial bond strength:	100 N/cm²
Initial tack:	Extremely high
Initial tack after:	10 seconds
Minimum temperature resistance:	-40 °C
Maximum temperature resistance:	100 °C
Mildew resistance:	Good
Moisture resistance:	Very good
Paintability:	Good
Shear strength:	250 N/cm²
Shrinkage approx.:	0 %
Skinover time:	10 minutes
Solid matter approx.:	100 %
Solvent free:	Yes
Tensile strength (N/cm²) approx.:	180 N/cm²
UV resistance:	Good
Viscosity:	Pasty
Water resistance:	Good

STORAGE CONDITIONS

Close cartridge properly and store in a dry, cool and frost-free place. Once opened shelf life is limited, unopened shelf life is 18 months.

PACK SIZES

440g

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