

AQUA MAX®**WATER-RESISTANT, SOLVENT-FREE ASSEMBLY ADHESIVE AND SEALANT****PRODUCT DESCRIPTION**

Water-resistant, solvent-free assembly adhesive and sealant based on SMP-Polymer

FIELD OF APPLICATION

For bonding, fixing and sealing of almost all materials on almost all surfaces. Extremely suitable for swimming pool construction, ponds and agriculture. Suitable for all kinds of applications in and around the swimming pool such as for skimmers, edges, tiles, drains, roofing, outflow pipes and dilatation joints. Furthermore, suitable for applications around ponds such as drains, conduits and pond edges. Not suitable for PE, PP, PTFE, PA (nylon), bitumen, pure plaster and acrylic glass.

PROPERTIES

- (Chlorine/sea) water resistant
- UV-resistant
- Extremely high final bond strength
- Extremely high, permanent elasticity
- Extremely high filling capacity
- Good standing power
- Non-shrinking; 100% adhesive
- Solvent-free
- No soiling of joint edges
- Resistant to temperatures from -40°C to +100°C
- Paintable

PREPARATION

Working conditions: The temperature of the environment, the adhesive and the materials to be bonded should not be less than +5°C.

Preliminary surface treatment: Surfaces must be clean, dust- and grease-

free. The surface can be moist. Ensure that the surface is robust. A primer is not required.

Tools: Cartridge gun.

APPLICATION

Coverage: With spot bonding: 5-8 m²/kg. Stripes: 1 cartridge has about 8-15 metres of adhesive (depending on the diameter of the nozzle cut).

Directions for use:

BONDING: Cut off screw thread, assemble nozzle and cut to a diameter of at least 0.5 cm. 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. Assemble materials with a pushing movement and press or knock firmly together. Correcting is still possible. For heavy materials, fastenings or supports may be required. Close the cartridge properly immediately after use. **SEALING:** Cut off screw thread, assemble nozzle and cut at an angle with the desired joint width. Apply the sealant to the bottom of the joint and tool within 10 minutes using a wet finger (water with washing up liquid without lemon), putty knife or sealant smoother. Close the cartridge properly immediately after use.

Stains/residue: Remove adhesive residues immediately with white spirit. Dry excess adhesive can only be removed mechanically.

Points of attention: Because of the continually changing water quality in swimming pools, it is not possible to indicate life expectancy when the product is in protracted contact with swimming pool water.

CURE TIMES

Skin over time: approx. 10 minutes

Cure rate: approx. 2 mm/24 hrs

Full bond strength: Full bond strength after approx. 48 hours

* Curing time may vary depending on a.o. surface, product quantity used, humidity level and ambient temperature.

TECHNICAL PROPERTIES

Water resistance: Very good

Temperature resistance: From -40°C to +100°C.

UV resistance: Good

Chemicals resistance: Good

Paintability: Paintable with both acrylic and alkyd paints. With alkyd paint, the drying time may be longer. Always test in advance.

Elasticity: Very good

Filling capacity: Very good

TECHNICAL SPECIFICATIONS

Chemical base: SMP-Polymer

Colour: White

Viscosity: Pasty

Solid contents: approx. 100 %

Density: approx. 1.5 g/cm³

Tensile strength: approx. 250 N/cm²

Shear strength: approx. 320 N/cm²

Flash point: K3 (>55°C)

Shrinkage: approx. 0 %

Hardness (Shore A): approx. 60

Elongation of rupture: approx. 240 %

STORAGE CONDITIONS

Minimum 18 months. Best Before Date (MM/YY): see packaging. Limited shelf life after opening. Store dry in closed packaging between +5°C and +25°C.