



• Spa 15:

- This product is a modified liquid polymer resin that is used for bonding and strengthening on concrete and cement surfaces.

• Spa 30:

- This product is based on styrene butadiene rubber copolymer. It is a strong, upgraded and modified adhesive for making special mortars for strong sealing against water and resistant to chlorine ions and other chemicals.

• Indications:

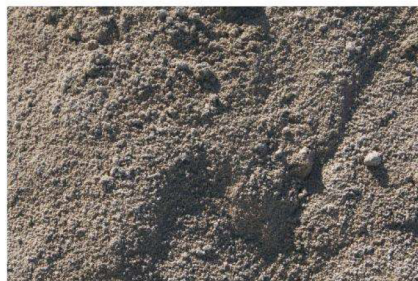
- Improving the power and strength and sealing in porcelain tile and ceramic adhesives
- Making mortar for sealing swimming pools and water tanks and Watersport centres
- Making mortar for repairing and modifications of holes and voids in stones
- Preparation of mortar for installing stones and ceramic mosaics in swimming pools and humid areas
- Making putty for repairing and renovating cement and concrete walls and surfaces and polishing exposed concrete facades ,pool and concrete walls
- Preparation of foundation mortar on smooth surfaces in order to create a rough and abrasive underlayer in walls and surfaces without porosity and without the need for meshing.
- Note: Before using the above mortar, it is recommended to create a layer of Dinokel primer

Concrete Adhesive



• Privilege:

- Remarkable and durable waterproofing in cement and concrete walls and surfaces
- Resistance and flexibility against cracking and failure caused by building settlement
- Resistant against frost and cold



Specifications	Spa 15	Spa 30
Color	Milky white	Milky white
pH	6-7	6-7
Density	~1.06 g/cm ³	~1.06 g/cm ³
Compressive strength (28 days) – ASTM C10	>350 kg/cm ²	>350 kg/cm ²
Bending strength – ASTM C348	>10 kg/cm ²	>10 kg/cm ²
Adhesion to old concrete – ASTM C1042	>35 kg/cm ²	>35 kg/cm ²
Adhesion strength to concrete – ASTM C1404	~1.8 kg/cm ²	~1.8 kg/cm ²
Resistance to water penetration	Good	Excellent
Resistance to Cl ions	Poor	Good
Flexibility	Good	Very high flexible
Working Temperature	5-35	5-35
Storage conditions	12 months in cool and dry places	12 months in cool and dry places