

Teknobond 900

Two Component, High Performance,
MMA Based Quick Fitting and Repairing Mortar



Product Description	TEKNOBOND 900 is MMA based high performance, solvent free, elastic and quick fitting and repairing mortar with two components. It is suited for inside and outside areas.
Uses	<ul style="list-style-type: none">• Anchoring of the rails, machines, traffics signs to floors.• Because of high chemical resistance, it can be used in production facilities, depots and asphalt grounds.• Can be used with concrete, brick, and mosaic (terrazzo) substrates.• Airport, military areas• Repairing concrete floors and runways of helicopters and airplanes.• Substrates where chemical resistance or impermeability to water, oil and petrol is required. In interior and exterior situations.
Features and Benefits	<ul style="list-style-type: none">• It can be opened to traffic 1 hour after application (pedestrian, vehicle, airplane traffic)• UV resistance• It has a thermoplastic elasticity so that it does not crack in itself• Adheres to concrete, brick, and mosaic substrates perfectly.• Ready to mix, pre-batched units.• Resistant to water and freeze-thaw cycle.• Good resistance for heavy load, weather conditions and lots of chemicals.• Good stress, vibration and impact resistance.• Resistant against tensions and vibrations rooting from temperature differences.• Impermeable to water and other liquids.• Long lasting, anti-bacterial, and easy to apply.• Monolithic working with parent substrates.• It has thermoplastic flexibility and short curing time.• Solvent free.
Preparation of Substrate	<p>The surfaces must be clean, dry, sound and free from dust, grease or any loose material. Old concrete surfaces contaminated with oil or grease requires suitable preparation such as steam cleaning in conjunction with a suitable detergent. If it is a new surface wait for the solidification time. The air circulation of the application area must be in good condition.</p> <p>Mixing: The components are produced according to right mixing ratio. Mix the resin (component A) and hardener (component B) thoroughly with a mechanical mixer with a 400 - 600 RPM mixer in a clean container at least 3 minutes to have a homogenous mixture.</p> <p>Primer: Teknobond 910 should be applied as a primer</p> <p>Application Method: Pour the mixed TEKNOBOND 900 directly onto the prepared surface. Use an appropriate trowel to spread and shape it. It dries in 1 hour. Fix all mistakes with emery paper or machine.</p>
Application Notes / Limitations	<ul style="list-style-type: none">• Never add any other chemicals (i.e. thinners). It will prevent proper curing and change mechanical properties of the product.• Use all the prepared mixture in 20 minutes.

- All skin contact with MMA products should be avoided.
- In case of contact with skin, rinse immediately with water and soap.
- Operatives should wear protective clothing including gloves, masks and glasses.
- Working areas should be well ventilated.
- In the event of fire use foam, dry chemical or carbon dioxide.
- If swallowed by accident, consult a doctor urgently.
- Do not add any additives other than those stated in the Application Instructions.

Technical Data

General Information		
Color	Gray and Other Colors	
Using Form	Self-levelling	
Compressive Strength	> 60 N/mm ²	(TS EN 196)
Flexural Strength	≥ 25.0 N/mm ²	
Bonding Strength (Concrete)	≥ 3,0 N/mm ²	(TS EN 1542)
Mix Density	2,10 ± 0,10	
Elasticity Module	4350 N/mm ²	(TS EN 1542)
Pot Life	15 minutes (at 20°C)	
Loading Capability	1 hour (at 20°C)	
Consumption (to 5mm)	10,0 kg/m ²	
Compressive Strength (5 hours)	≥ 41 N/mm ²	TS EN 196-1
Compressive Strength (7 days)	≥ 75 N/mm ²	TS EN 196-1
Application Ground Temperature	(+5°C) - (+50°C)	
Ball Compressive Strength	45 - 50 N/mm ²	
Storage	The shelf life of TEKNOBOND 900 is 12 months.	
Packaging	18 kg - 29 kg set	

