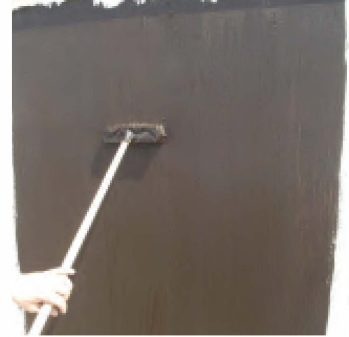


# Teknomer 400 W

Water Based, Bitumen Waterproofing Material



Public Pos. No: 04.615/1

<b>Product Description</b>	One component, modified with special polymers, high elasticity, water-based, waterproofing material.
<b>Areas of Usage</b>	<ul style="list-style-type: none"><li>• It is used in retaining and curtain walls,</li><li>• Against floor humidity and leaking waters,</li><li>• On the reinforced concrete terrace,</li><li>• In the insulation of the gallery, drainage and waste water ducts and collectors,</li><li>• In the isolation of open water for storage and against water and moisture in pools.</li></ul>
<b>Features and Benefits</b>	<ul style="list-style-type: none"><li>• Ready to be applied.</li><li>• Solvent free, no glare.</li><li>• Brush, roller or airless spray gun applied by spraying.</li><li>• Vertical concrete surfaces do not sag.</li><li>• No UV resistance.</li><li>• Cold applied, it does not require heating and thinning.</li><li>• It will dry very quickly.</li><li>• It forms an integral and continuous insulation layer.</li><li>• It is water-based and has good adhesion on moist surfaces.</li></ul>
<b>Application Instructions</b>	<p>The surfaces must be clean, smooth, solid, free from any antiadhesive substance such as dust, oil, dirt, rust, mold oil, detergent and waste. If there is segregation in concrete, it should be discarded and loose parts should be removed, weak parts should be removed. If there is crack, hollow on the floor or wall to be applied, it should be repaired with appropriate TEKNOREP repair mortars. TEKNOMER 400 W should be applied after 3-4 days.</p> <p>The surface to be insulated must be dry. Water puddles should be removed if there is pond watering. If there is dilatation of the structure prior to application of TEKNOMER 400 W, it is firstly necessary to isolate the dilatation using TEKNOMER Champer Tapes and TEKNOBOND 400 D. Later isolation of dilatations is more difficult and costly.</p>
<b>Application Notes / Restrictions</b>	<ul style="list-style-type: none"><li>• Foreign materials must not be added and diluted with water.</li><li>• It should not be applied under direct sunlight.</li><li>• Should be applied in two layers.</li><li>• It should not be applied in the rain.</li><li>• Newly applied material is finished to cure, etc. until rain. it must be protected against weather conditions.</li><li>• TEKNOMER 400 W is mixed in a clean container or in its own container which is free from all kinds of materials which prevent adhesion. The product is mixed with a low speed mixer until a homogeneous mixture without lumps is obtained. Mixing time should be minimum 5 min.</li></ul>

- The mixture is applied to the surface with finished, ready to use product, hard bristle brush or spraying machine. After the material completes the reaction, 2. coat application is made in the perpendicular direction of the first coat application. The waiting period between floors is at least 1 hour, and when there is no trace on the fingers in hand control after application of the first coat, it can be passed to the other floors. If desired, it can be used as carrier glass fiber, reinforcement throughout the floors.
- Since the product does not have UV resistance, it is absolutely necessary to use heat insulation plates, protection plates, geotextile felt, should be covered with.
- It must be protected after application against adverse weather conditions such as direct sunlight, high air temperature (above +35°C), rain and frost. The product should be cleaned thoroughly with water and detergent before it is fully cured and hardened.
- Immediately after application, before hardened, the equipment should be cleaned with TEKNO Thinner. After the product is hardened, it should be cleaned by mechanical methods.

## Technical Data

General Information	
Appearance/Color	Brown, Black
Storage Conditions / Shelf Life	12 months
Package	18 kg bucket
Density	1,05 ± 0,03 kg/lt
Ph	10.5 (± 1.00)
Consumption	1 kg - 1,5 kg/m <sup>2</sup>
Application Information	
Application Temperature	(+5°C) - (+30°C)
Initial Drying Time	1 hour (20°C)
Full Drying Time	5-6 hours (20°C)
Waiting Time for Soil Filling	3 days
Performance Information	
Extension Amount	> % 100
Hazardous Substances (EN 12004)	See the safety data sheet
Fire Response	E

Technical data are approximate values obtained from the laboratory study of Tekno Construction Chemicals for finished products obtained at +20°C air temperature and 50% relative air humidity and valid for its performance after 27 days.

