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RENOLIT ALKORPLAN₀₀₂₀₆

Waterproofing membrane for private garden ponds.



EXCELLENCE IN
WATERPROOFING

RENOLIT ALKORPLAN⁰⁰²⁰⁶

Waterproofing membrane for private garden ponds.

PRODUCTS

Homogeneous waterproofing membrane of flexible polyvinyl chloride (PVC-P).
Designed for garden ponds and small amusement pools for private use.

- Non-toxic for fish and aquatic plants.
- Resistant to swelling and rotting.
- Excellent weldability with hot air and hot wedge.
- Ageing resistance according to DIN 16938, test method according to DIN 16726 part 5. 17 (1100 MJ/m²)
- High resistance to puncturing.
- Root resistance according to DIN 4062 part 1.
- Mechanical properties in accordance with IVK guidelines for waterproofing membranes for garden ponds.

PHYSICAL PROPERTIES

- | | |
|---|------------------------------------|
| • Tensile strength according to DIN 53455: | nominal value 12 N/mm ² |
| • Elongation at break according to DIN 53455: | nominal value 200 % |
| • Tear strength according to DIN 53363: | nominal value 75 N/mm |
| • Dimensional stability according to DIN 53377 (6h/80°C): | nominal value 2 % |
| • Low temperature flexibility according to DIN 53361: | nominal value -20°C |

INSTALLATION

The waterproofing membranes or prefabricated panels are hot air welded to achieve watertight seams. The weldability and the quality of the welding done on site can be influenced by the atmospheric conditions (temperature, humidity) and also by the state of the surface of the waterproofing membrane (clean surface, more or less wetness of the surface). The welding conditions (temperature, speed, pressure, cleaning of the surface) must be adjusted accordingly. On a rough support, an anti-puncturing geotextile or composite protection (protection and draining) should be installed under the waterproofing membrane.

When putting gravelly sand, gravel, selected fill or concrete on a waterproofing membrane, a geotextile should be installed in between to protect the membrane against dynamic puncturing. The waterproofing membrane can be used on a bituminous support if a suitable separation layer is used.

STORAGE

Store in dry unheated spaces. Rolls to be parallel and in original packing. Do not stack in cross form or under pressure. The storage area must be of such a nature as not to damage the geomembrane.

Subject to change without notice.

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