



*Rely on it.*

RENOLIT ALKORPLAN<sub>00328</sub>  
Natural swimming pools



EXCELLENCE IN  
WATERPROOFING

# RENOLIT ALKORPLAN<sup>00328</sup>

## Natural swimming pools

### PRODUCTS

Waterproofing membranes of flexible polyvinyl chloride (PVC-P) with a polyester reinforcing. Designed for natural swimming pools and small swimming ponds for private use.

- non-toxic for fish and aquatic plants
- resistant to swelling and rotting
- high resistance to puncturing
- root resistance according to DIN 4062 part 1
- very easy to weld with hot air
- in conformity with IVK guidelines (Industrieverband Kunststoffbahnen) for waterproofing membranes for garden ponds.
- available in black and olive green

### PHYSICAL PROPERTIES

- |   |                           |
|---|---------------------------|
| • Tensile strength according to DIN 53455:                | nominal value 800 N/50 mm |
| • Elongation at break according to DIN 53455:             | nominal value 10%         |
| • Tear strength according to DIN 53363:                   | nominal value 100 N       |
| • Dimensional stability according to DIN 53377 (6h/80°C): | nominal value /1/0%       |
| • Foldability at low temperature according to DIN 53361:  | nominal value - 20°C      |
| • Root resistance according to DIN 4062 5.7:              | no perforation            |

### INSTALLATION

The waterproofing membranes 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 (draining and protection) 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 to protect the membrane against dynamic puncturing. The waterproofing membrane can be used on a bituminous support if a suitable separation layer is installed in between.

### STORAGE

Store in dry unheated space. 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 waterproofing membrane.

Subject to change without notice.

## WWW.RENOLIT.COM/ROOFING

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