

## **ALKORPLAN 00206** **Waterproofing membrane for private garden ponds.**

### **Product**

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

### **Alkorplan 00206 is:**

- \* non-toxic for fish and aquatic plants
- \* resistant to swelling and rotting
- \* high resistance to puncturing
- \* root resistance according DIN 4062 part 1
- \* very good weldable with hot air and hot wedge
- \* in conformity with IVK (Industrieverband Kunststoffbahnen) guidelines for waterproofing membranes for garden ponds Cadmium free

### **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.

### **Installation**

Hot air or hot wedge welding achieves assembly of the waterproofing membrane or prefabricated panels.

The weldability and the quality of the weldings done on site can be influenced by the atmospheric conditions (temperature, humidity of the air) 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 adapted I consequence. An anti-puncturing geotextile or composite protection (protection and draining) should be placed in position before the waterproofing membrane, above any rough support.

Generally when lying gravely sand, gravel, selected fill or concrete on a waterproofing membrane, a geotextile (protection against dynamic puncturing) should be placed in between.

The waterproofing membrane can be used on a bituminous support after the insertion of a suitable separation layer.

### **Physical properties ALKORPLAN 00206**

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Tensile strength according DIN 53455

**Alkorplan 00206** : nominal value 12 N/mm<sup>2</sup>  
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Elongation at break according DIN 53455

**Alkorplan 00206** : nominal value 200 %  
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Tear strength according DIN 53363

**Alkorplan 00206** : nominal value 75 N/mm  
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Dimensional stability according DIN 53377 (6h/80°C)

**Alkorplan 00206** : nominal value /2/ %  
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Low temperature flexibility according DIN 53361

**Alkorplan 00206** : nominal value - 20°C  
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We reserve the right to amend or change specifications as and when required.