

# Natural Classic (WTG)

Reinforced waterproofing membrane (PVC-P) for swimming ponds, natural basins, (artificial) ponds, (artificial) lakes, irrigation basins, fire protection ponds and rainwater retention reservoirs.

✓ **Harmless for health according to EN 71-3**

Safety of toys – Part 3: Migration of certain elements (heavy metals)

## CHARACTERISTICS

- High resistance to ageing
- Stabilized against UV rays
- Fungicide-free / non-toxic for fish and plants
- Hot air weldable
- High mechanical strength with polyester fabric
- High dimensional stability
- High flexibility at low temperatures
- REACH conform
- Not resistant to tar, bitumen, oil, fuel and other solvents
- Not resistant in direct contact to other plastics, e. g. polystyrene

## TECHNICAL DATA

| ESSENTIAL CHARACTERISTICS                                     | PERFORMANCE        | TEST STANDARD        |
|---|--------------------|----------------------|
| <b>Thickness</b>  | 1.50 mm ± 5 %      | EN 1849-2            |
| <b>Width</b>  | 2.00 m ± 5 mm      | EN 1848-2            |
| <b>Roll length</b>  | 25 m - 0 / + 1.5 % | EN 1848-2            |
| <b>Tensile properties:</b>                                    |                    |                      |
| - <b>Maximum tensile strength</b>                             | ≥ 1100 N/50 mm     | EN 12311-2 A         |
| - <b>Elongation</b>   | ≥ 18 %             | EN 12311-2 A         |
| <b>Tear resistance (nail shank)</b>                           | ≥ 450 N            | EN 12310-1           |
| <b>Straightness</b>   | ≤ 50 mm            | EN 1848-2            |
| <b>Flatness</b>   | ≤ 10 mm            | EN 1848-2            |
| <b>Watertightness (72 h / 400 kPa)</b>                        | Pass               | EN 1928 B            |
| <b>Durability of watertightness:</b>                          |                    |                      |
| - <b>against ageing</b>                                       | Pass               | EN 1928 B            |
| - <b>against chemicals</b>                                    | Pass               | EN 1847<br>EN 1928 B |
| <b>Reaction to fire</b>                                       | E                  | EN 13501-1           |
| <b>Resistance to impact</b>                                   | ≥ 300 mm           | EN 12691 A           |
| <b>Resistance to static loading (24 h / 20 kg)</b>            | ≥ 20 kg            | EN 12730 B           |
| <b>Joint strength</b>   | ≥ 1000 N/50mm      | EN 12317-2           |
| <b>Visible defects</b>  | Pass               | EN 1850-2            |
| <b>Dimensional stability (80 °C / 6 h)</b>                    | ≤ 0.5 %            | EN 1107-2            |
| <b>Resistance to foldability at low temperature (- 30 °C)</b> | No cracks          | EN 495-5             |

### STORAGE AND APPLICATION INSTRUCTIONS

Store the rolls in a horizontal lying position and protected against solar / UV radiation, rain, snow, ice and other weather influences at temperatures between + 5 °C and + 25 °C.  
The processing should take place at temperatures higher than + 10 °C.

### LEGAL NOTICE

The customer/installer has to check the applicability of the product for the intended use. He is responsible for the proper application, usage and processing of the product.

We assure the correct quality of our products according to our conditions of sale and delivery.  
All declarations comply with our recent knowledge.