

# PrimaTess PVC Hydro

**PVC-P geomembrane for waterproofing of reservoirs & dams.**

## Product properties

- Environmentally friendly waterproofing geomembrane, free of harmful substances in accordance with REACH
- Prevents the flow of liquids through structures
- High resistance to perforation
- Easy to weld
- Resistant to chemicals, microorganisms, weathering and ageing
- Excellent mechanical characteristics

## Fields of application

- Waterproofing of all kind of reservoirs, ponds, lakes and dams.

## Surface preparation

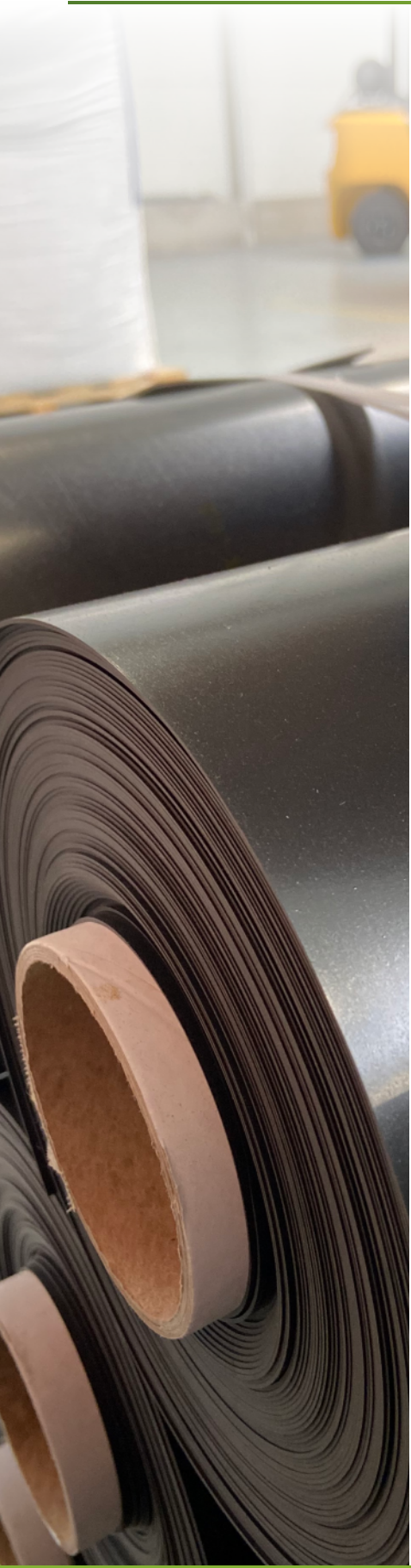
- Surface has to be clean, dry without snow or ice. Debris and sharp objects must be removed from the surface

## Application

- The geomembrane is laid in a single layer and connected on a 10-15cm wide overlap with specialized hot air welding devices

## Storage

- Store in dry place, not exposed to high temperatures. Rolls to be placed horizontally, always parallel and never crossed



| Essential characteristics  |   | Primatess<br>Type A and Type T thickness          |              |       |       | Harmonized<br>technical<br>specification |
|--|---|---|--------------|-------|-------|--|
|  |   | 0.8;<br>1.0;                                      | 1.2;<br>1.5; | 2.0   | 3.0   |  |
|  |   | <b>Performance properties</b>                     |              |       |       | EM 13361:2004, EN 13361:2004/A1:2006     |
| Mechanical<br>properties<br>tensile strength                           | Max. strength<br>Stretching<br>(N/mm <sup>2</sup> )               |   |              |       |       |  |
|  | -along  | ≥ 15  | ≥ 15         | ≥ 15  | ≥ 15  |  |
|  | - across  | ≥ 14  | ≥ 14         | ≥ 14  | ≥ 14  |  |
|  | Elongation (%)  |   |              |       |       |  |
|  | -along  | ≥ 200   | ≥ 250        | ≥ 300 | ≥ 300 |  |
|  | - across  | ≥ 200   | ≥ 230        | ≥ 280 | ≥ 280 |  |
| Static puncture resistance (kN)  |   | 1,7<br>2,0  | 2,4<br>2,7   | 3,4   | 4,2   |  |
| Water permeability<br>m <sup>3</sup> m <sup>-2</sup> 24h <sup>-1</sup> |   | <10 <sup>-6</sup>                                 |              |       |       |  |
| Durability   | Weathering  | Change in tensile strength and elongation<br><25% |              |       |       |  |
|  | Oxidation   | Change in tensile strength and elongation<br><25% |              |       |       |  |
|  | Stress corrosion<br>due to environ-<br>mental influ-<br>ences (h) | NPD   |              |       |       |  |
| Dangerous substances   |   | Does not contain dangerous substances             |              |       |       |  |

## Warnings

- The user must check the suitability for the intended use and purpose of the product
- Data and recommendations related to the application and end-use of PrimaTess products are given in good faith based on PrimaTess current knowledge and experience
- All the physical and technical specification listed above are based on lab tests

## Packaging

- Rolls width 2,1 m x 15 to 45 m long (dependant on thickness of material required)

## Certificates

- Certificate of the Factory Production Control
- Radon Resistance Certificate
- ISO 9001 certification