

DECLARATION OF PERFORMANCE

According to EU Construction Products Regulation no 305/2011

No.: HyDra FB 20190515

1. Unique identification code of the product type:

HyDra FB membrane 3080

2. Intended uses:

The Flexible Sheets for Waterproofing (HDPE) for building construction or civil engineering.

3. Manufacturer:

HyDratec Scandinavia AB, Utkällevägen 20, 694 35 Hallsberg, Sweden, info@hydra-tec.se

4. Systems of AVCP:

System 2+

5. Harmonized standards:

EN 13967:2004+A1-2006

6. Notified bodies:

Lloyd's Register Verification (0038)

Address: 71 Fenchurch Street London EC3M 4BS UK (United Kingdom).

EC Certificate of Conformity No.: 0038/CPD/SHA/6010677/A

7. Performances declared:

| Essential characteristics specification | Performance | Harmonized technical spec |
|--|----------------------------------|---------------------------|
| Resistance to static loading: | Pass at 20 kg | EN12730-B |
| Water tightness to liquid water: | Pass | EN 1928 |
| Tensile strength in longitudinal direction | ≥800 N/50mm | EN12311-2 |
| Tensile strength in transversal direction | ≥800 N/50mm | EN12311-2 |
| elongation | ≥500% | EN12311-2 |
| Durability of watertightness against ageing | Pass at 60KPa,24h | EN 1296,EN1928 |
| Durability of watertightness against chemicals | Pass at 60KPa,24h | EN 1847,EN1928 |
| Resistance to impact | Φ10mm(h=600mm) | EN 12691-B |
| Resistance to tear (Nail shank) | ≥500 N | EN 12310-1 |
| Bitumen compatibility | Pass | EN1548 |
| Joint strength | ≥400 N/50mm | EN12317-2 |
| Water vapour transmission | < 9×10 Kg/(m ² .s.Pa) | EN1931 |
| Resistance to deformation under load | NPD | EN13967-B |
| Reaction to fire (E calss) | Pass | EN13501-1 |
| Resistance to alkali | Pass | EN1847 |
| Resistance to static loading: | Pass at 20 kg | EN12730-B |
| Water tightness to liquid water: | Pass | EN 1928 |
| Tensile strength in longitudinal direction | ≥800 N/50mm | EN12311-2 |
| Tensile strength in transversal direction | ≥800 N/50mm | EN12311-2 |
| elongation | ≥500% | EN12311-2 |
| External Fire Performance | Class FROOF | EN 13967 |
| Dangerous substance X | Less than 0.2 ppm | |
| Durability | NPD | |

The performance of the product identified above is in conformity with the set of declared performances. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by

Hallsberg 2019-05-15

Ulf Öster

