

# 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/(m².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

A handwritten signature in blue ink, appearing to read "Ulf Öster".