

**Product Name:** NOVOPROOF® DA  
NOVOPROOF® DA-P (prefabricated membranes based on DA)

**Producer / Supplier:** DURAPROOF technologies GmbH  
Eisenbahnstraße 24  
66687 Wadern-Büschfeld

**Plant:** Büschfeld (Germany)

**Method of application:** Membrane reservoir for Biogas Plants

**Product description:** Elastomer sheets for sealing of Biogas plants from Ethylen-Propylen-Dien-Terpolymer (EPDM), homogeneous, cured, non-backed, Seams are hot-air-welded by means of the Thermofast®-Seam Welding Technique. Membranes are factory-made.  
Total Thickness: 1,3 mm/ 1,5 mm/ 2,0 mm  
Colour: black

**Standard dimension of sheets:** Membranes up to 900 m<sup>2</sup>

| Properties                     | Standard     | Unit                                     | Value          |
|--------------------------------|--------------|------------------------------------------|----------------|
| Watertightness                 | EN 1928 (B)  | -                                        | passed         |
| Joint peel resistance          | EN 12316-2   | N/50 mm                                  | ≥ 230          |
| Joint shear resistance         | EN 12317-2   | N/50 mm                                  | ≥ 350          |
| Tensile strength               | EN 12311-2   | N/mm <sup>2</sup>                        | ≥ 8,5          |
| Elongation                     | EN 12311-2   | %                                        | ≥ 350          |
| Resistance to static load      | EN 12730 (B) | kg                                       | ≥ 20           |
| Resistance to impact           | EN 12691(B)  | mm                                       | ≥ 1.000        |
| Tear resistance                | EN 12310-2   | N                                        | ≥ 35           |
| Hail resistance                | EN 13583     | m/s                                      | ≥ 17           |
| Dimensional stability          | EN 1107-2    | %                                        | ≤ 0,3          |
| Foldability at low temperature | EN 495-5     | °C                                       | ≤ -40          |
| UV exposure                    | EN 1297      | -                                        | passed         |
| Methan permeability            | DIN 53380-2  | cm <sup>3</sup> /(m <sup>2</sup> *d*bar) | ≤ 300          |
| Reaction to fire               | EN 13501-1   | -                                        | Klasse E       |
| Ozon resistance                | EN 1844      | -                                        | passed         |
| Exposure to bitumen            | prEN 1548    | -                                        | passed         |
| Temperature resistance         |              |                                          | -40°C - +100°C |