

# Technical Commercial Data Sheet

## Bitufond

**Bulged membrane in high-density polyethylene(HDPE).**



### Dimensional features

|                         |                |
|-------------------------|----------------|
| Length                  | 20 m $\pm$ 1%  |
| Width BITUFOND 1,5 x 20 | 1,5 m $\pm$ 1% |
| Width BITUFOND 2,0 x 20 | 2 m $\pm$ 1%   |
| Width BITUFOND 2,5 x 20 | 2,5 m $\pm$ 1% |

### Description

Bulged membrane in high-density polyethylene (HDPE).

### Application

- Use Personal Protective Equipment as requested by law;

#### Vertical applications on foundations and earth retention walls:

Thanks to its special selvedge free from bulges, the vertical application can be carried out by a simple fixing procedure:

- Apply the BITUFOND membrane with the bulges facing outwards;
- Overlap layers of at least 20 cm;
- Fix the membrane with steel nails, with at least 1 nail per meter and increasing the nails number according to the foundation depth;
- Proceed with the filling of earth.

#### Horizontal applications:

As an alternative to the traditional lean concrete layer, the slabs can be realised by employing BITUFOND with clear time and material costs saving:

- Level the ground
- Cover the ground with some centimeters of sand,
- Apply BITUFOND membrane with the bulges facing downwards
- Overlap layers for at least 20 cm; with the interposition of a double adhesive tape;
- Proceed with the reinforcement application and with the casting of the screed, which will be more stable thanks to the action of the spreading of loads performed by the BITUFOND membrane.

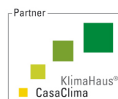
### Recommended use

Waterproofing of foundations, basements, earth retention walls, green roofs, moist walls, flat roofs etc.

### Storage

Keep the rolls in warehouse, not exposed to the sun rays and at a temperature not below +5°C. Keep the rolls in the upright position. It is advisable to use the product within 2/3 months from delivery.

| Type              | N° rolls per pallet | m <sup>2</sup> per pallet |
|-------------------|---------------------|---------------------------|
| BITUFOND 1,5 X 20 | 12                  | 360                       |
| BITUFOND 2 X 20   | 12                  | 480                       |
| BITUFOND 2,5 X 20 | 12                  | 600                       |



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CODE: STCBE 022  
REVISION: 01  
DATE: DECEMBER 2012  
PAGE: 1/2



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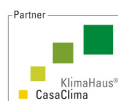
| <b>Technical features</b>                         | <b>Unit.</b> | <b>BITUFOND</b>   |
|---|--------------|-------------------|
| <b>Compressive strength</b>                       | KN/m2        | > 230             |
| <b>Air volume between bulges</b>                  | l/m2         | 5,3               |
| <b>Thermal stability</b>                          | °C           | -40 / +80         |
| <b>Disposition of openings</b>                    |              | Diagonally at 45° |
| <b>Bulges per m<sup>2</sup> selvedge excluded</b> | Nr.          | 1860              |
| <b>Selvedge width</b>                             | mm           | 70 (± 10)         |
| <b>Combustion class (DIN 4102)</b>                |              | B2                |

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 PAGE: 2/2



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