



a.b.e.<sup>®</sup> Construction Chemicals  
**abe.<sup>®</sup>drain 20 P**  
 Perforated

**DIMPLED HIGH DENSITY POLYETHYLENE PROTECTION MEMBRANE WITH PERFORATIONS**

**DESCRIPTION**

**abe.<sup>®</sup>drain 20 P** is a dimpled high density polyethylene (HDPE) membrane with 20mm dimples including perforated slots.

**USES**

**abe.<sup>®</sup>drain 20 P** is used as drainage and protection membrane for roof gardens and planter boxes in conjunction with a geotextile and a waterproofing membrane such as **Index Defend H**. The dimples retain water and excess water is drained away thereby preventing water stagnation.

**ADVANTAGES**

- Good value.
- General purpose.
- Water retention.
- Water resource savings.
- Protection of the waterproofing membrane.
- Secondary waterproofing system.
- Thermal insulation.
- Excellent drainage capacity.

TYPICAL PHYSICAL PROPERTIES	
Color	Black
<b>Dimensions:</b>	
Length	20 m
Width	2,0 m
Weight	1000 g/m <sup>2</sup>
Dimple height	20mm
Air volume between dimples	15L/m <sup>2</sup>
Rolls per pallet	5
Compression resistance	150 kN/m <sup>2</sup>

**HORIZONTAL APPLICATION**

The surface area must be waterproofed according to **a.b.e.<sup>®</sup> Construction Chemicals** specification. This is not a primary

waterproofing membrane but is recommended for buried dual layer system applications. The first layer consisting of a 3mm **abe.<sup>®</sup> unigum** torch followed by an anti-riot bituminous membrane **Index Defend H**. Lay **abe.<sup>®</sup>drain 20 P** in place with the dimples facing downwards. Should it be necessary to overlap, then 150mm would be sufficient. Apply **super laykold waterproofing tape** 100mm wide along the flat part of the product for this purpose. Where required place a geotextile membrane loosely on top of the **abe.<sup>®</sup>drain 20 P** before spreading out the soil. This is important as the soil would otherwise fill the dimples and thereby reduce water drainage. Spread out the soil according to the instructions of a qualified landscaper.

**CAUTIONARY NOTE**

- Do not butt-joint sheets.

**COVERAGE**

Install **abe.<sup>®</sup>drain 20 P** as supplied using an overlap of 150mm between the sheets resulting in an overall coverage of 35m<sup>2</sup> per roll.

**MODEL SPECIFICATION**

The drainage and protection membrane will be **abe.<sup>®</sup>drain 20 P**, a dimpled high density polyethylene membrane as supplied by **a.b.e.<sup>®</sup> Construction Chemicals**.

The **abe.<sup>®</sup>drain 20 P** will be applied in accordance with the recommendations of **a.b.e.<sup>®</sup> Construction Chemicals**.

**ACCESSORIES**

In order to guarantee the quality and characteristics of the **abe.<sup>®</sup>drain 20 P** product, it is recommended to use the range of accessories specifically studied for each purpose. Please consult the technical department at **a.b.e.<sup>®</sup> Construction Chemicals**.

**PACKAGING**

**abe.<sup>®</sup>drain 20 P** is supplied 5 rolls per pallet and wrapped for protection.

## HANDLING & STORAGE

The product has no expiry date. Keep out of direct sunlight for extensive periods. No heavy loads are to be placed or packed on top of the product.

## HEALTH & SAFETY

No known hazards.

## IMPORTANT NOTE

This data sheet is issued as a guide to the use of the product(s) concerned. Whilst **a.b.e.® Construction Chemicals** endeavours to ensure that any advice, recommendation, specification or information is accurate and correct, the company cannot - because **a.b.e.®** has no direct or continuous control over where and how **a.b.e.®** products are applied - accept any liability either directly or indirectly arising from the use of **a.b.e.®** products, whether or not in accordance with any advice, specification, recommendation, or information given by the company.

## FURTHER INFORMATION

Where other products are to be used in conjunction with this material, the relevant technical data sheets should be consulted to determine total requirements. **a.b.e.® Construction Chemicals** has a wealth of technical Dimpled high density polyethylene protection membrane with perforations and practical experience built up over years in the company's pursuit of excellence in building and construction technology.



a.b.e.® is an ISO 9001:2008 registered company  
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CHEMICAL SOLUTIONS FOR THE  
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