

## SURFASDRAIN 20

Product Information Page

**SURFASDRAIN 20 is a high density polyethene (HDPE) membrane which may be used as part of a Type C Drainage Protection according to BS 8102:2009**

### Specification Tip for Design Professionals:

SURFASDRAIN 20 may be specified by name or by using the following description: *a is a high density polyethene (HDPE) 20mm dimpled membrane, which may be used as part of a Type C Drainage Protection according to BS 8102:2009.*



### How does SURFASDRAIN 20 work:

SURFASDRAIN 20 is placed on the prepared surface and directs the water to the drainage channel.

### How do I prepare the surface before applying SURFASDRAIN 20:

The substrate must be free from damages and as flat as possible. Running water that is capable of carrying silt into the drains should be stopped. The volume of water penetrating should be measured to ensure the SURFASDRAIN 20 is capable of controlling the flow of water (10litres/ second/m<sup>2</sup>)

### How do I apply SURFASDRAIN 20:

- On walls and ceilings, hang the first length SURFASDRAIN 20 on the prepared surface using a level to ensure it hangs straight.
- Secure into position using Fixing Plugs as required.
- Place subsequent sheets of membrane with the edge overlapping the previous one by a minimum of 100mm.
- The overlaps should be sealed using a Butyl Tape or Over-seal tape.
- When placing SURFASDRAIN 20 on a floor there is no requirement for fixings but the overlaps must be sealed with Butyl Tape or Overseal Tape.

- ✓ High density polyethene (HDPE)
- ✓ Suitable for use as part of Type C Drainage Protection (BS 8102-2009)
- ✓ 20mm dimpled membrane
- ✓ Easy to install
- ✓ Suitable for above and below ground applications
- ✓ Withstands root penetration when overlaps are sealed with Overseal Tape SGS Quality Management System according to ISO:9001

**SURFASOLOGY**

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TECHNICAL DATA:	Unit	Tolerance	SurfasDrain 20
Colour	-	-	Black
Weight	G/SQM	±5%	-
Thickness	mm	±5%	0.5
Dimples Height	mm	±1%	20
Length (m)	m	±4%	20
Width (m)	m	±4%	2
M <sup>2</sup> / roll	-	-	40
Roll Weight (kg)	-	±5%	40

PROPERTIES	Unit	Method	SurfasDrain 20
Compressive Strength	KN /m <sup>2</sup>	-	150kN/m <sup>2</sup>
Tensile strength (LxT)	N/5cm	EN ISO 10319	9kN/m ±1
Elongation (LxT)	%	ENISO 10319	>20 ±5%
Waterproofing (60 kPa; 24h)	-	EN 1928	Pass
Crushing strength	kPa	EN 1928	Pass
Resistance to deformation under a load (50kPa, 1000h)	kPa	EN 13967	<3
Thermal Stability	-	-	From -40°C to +80°C. Protect from UV

**Protect the environment: Dispose of waste in accordance with the local authority regulations.**

**Disclaimer:** The general information provided in the present technical description, application guidelines and other recommendations, is based on research and experience. However, the client is obliged to determine themselves what products are suitable for use. Accordingly, no liability will be accepted by IBC Limited t/a SURFASOLOGY™.

**For further information contact the SURFASOLOGY™ Technical Department.**

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#### SURFASOLOGY

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