

# SURFASDRAIN 20 GARDEN

Product Information Page

**SURFASDRAIN 20 Garden is a high density polyethylene (HDPE) membrane specifically designed for roof-gardens, the membrane has 20mm dimples that act as a water reservoir and 8mm perforations that allow excess water to filter-away.**

### Specification Tip for Design Professionals:

SURFASDRAIN 20 Garden may be specified by name or by using the following description: *a high density polyethylene (HDPE) specifically designed membrane for roof - gardens. membrane with 20mm dimples that act as a water reservoir and perforations that allow excess water to filter-away.*

### How does SURFASDRAIN 20 Garden work:

The 20mm dimples on the drainage board retains the rainwater, this acts as a reservoir for the vegetation of the green-roof, whilst the strategically located perforations in the membrane allows surplus water to filter away, preventing ponding of water on the roof.

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

The complete surface of the roof should be fully waterproofed using Maxseal Flex.

### How do I apply SURFASDRAIN 20 Garden:

Place a separation layer of Rooftex 120 (geotextile) over the waterproof coating, allowing a 25cm overlap of the geotextile. Place the SURFASDRAIN 20 Garden with the dimples against the Rooftex 120 Geotextile. Place the membranes subsequent sheets with an interlock of three dimples. Place a separation layer of Rooftex 120 (geotextile) over the top of the installed SURFASDRAIN 20 Garden, allowing a 25cm overlap of the geotextile. Install the soil/finish to the required thickness.



- ✓ High density polyethylene (HDPE)
- ✓ 20mm dimples retain water that act as a reservoir for the vegetation
- ✓ 8mm overflow perforations
- ✓ Easy to install
- ✓ Root and Root resistant
- ✓ Withstands root penetration when overlaps are sealed with Overseal Tap
- ✓ SGS Quality Management System according to ISO:9001

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TECHNICAL DATA:	Unit	Tolerance	SurfasDrain 20
Colour	-	-	Black
Weight	G/SQM	±5%	1000
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

**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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Our products are all manufactured in ISO Quality System compliant facilities and meet the relevant local, National, & European standards. **SURFASOLOGY** network members manufacture products exclusively in Germany, Switzerland, Spain, Greece and the UK. We support these products in local markets with highly-qualified technical professionals, who understand both on-site demands and the design detail. We work in a collaborative way with our clients at all stages of the project to ensure that the correct design, preparation, and application are carried out to ensure a timely and successful outcome for all stakeholders.

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### SURFASOLOGY

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