

Green Roofers Ltd | 1st Floor | 2 Woodberry Grove | Finchley | London | N12 0DR

PRODUCT DATA SHEET

GRD20

Made from deep-drawn recycled HDPE with water reservoir function, channel system on the underside for drainage, and with diffusion and drainage holes. For use on extensive green roofs with a single- or multilayer construction. Suitable for use on inverted roofs.

Material	Recycled HDPE
Nominal Thickness	Approx. 20 Mm
Grammage	Approx. 900 G/M.
Colour	Black/Grey
Compressive Strength	Approx. 120 Kn/M.
Filling Volume	For Filling Flush To The Upper Edge Panel Approx. 6.0 L/M.
Water Discharge Capacity	I = 0.01 (=1 % Roof Pitch): 0.68 L/(M*S) I = 0.02 (=2 % Roof Pitch): 0.97 L/(M*S) I = 0.05 (=5 % Roof Pitch): 1.59 L/(M*S) I = 0.1 (=10 % Roof Pitch): 2.29 L/(M*S) I = 1 (Vertical): 7.62 L/(M*S)
Water Reservoir Unfilled	Approx. 5.3 L/M.
Water Reservoir Filled	Approx. 1.6 L/M.
Quantity/ Delivered Unit	2 M./Panel = 2.0 X 1.0 M 1,000 M./Pallet
Delivery Form	500 Pieces = 1,000 M. On Disposable Pallet 2.05 X 1.05 M
Pack Size	Lxwxh 2,000 X 1,000 X 20 Mm
Delivery Weight	Approx. 1.8 Kg/Panel -

Approx. 925.0 Kg/Full Disposable Pallet

AREA OF USE

As a drainage and storage board under extensive green roofs in a triple-layer structure with filter mat and extensive multilayer substrate E or directly filled with extensive single layer substrate M on flat roofs up to RP 5° (= 8.8%).

SPECIFIC PROPERTIES

- 100% recycled HDPE
- Drainage according to DIN 4095
- Safe and targeted guiding of excess water
- Depositing of water in the recesses
- Low weight
- Also suitable for non-pitched roofs
- Lightweight super structure with high drainage capacity
- Recyclable

For more information or guidance please use the contact details as shown below. The information given in this data sheets is accurate to the best of our knowledge, however our commitment to continuous improvement necessitates that product improvement may change certain items. No guarantee or liability can be drawn from the information mentioned herein.

Green Roofers Ltd | info@greenroofers.co.uk | 020 7754 0365