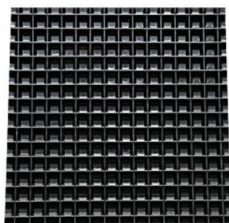
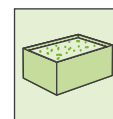


# Green roof - Substrate plate

## Technical product datasheet



Item No. : 03-001507



Item No. : 03-001508

For the application of substrate for ballasting. Honeycomb structure in 10 cm grid for flexible positioning of supports. Made in Germany from recycled, UVresistant plastic.

**Material:** HDPE reclaimed recycled

**Height:** 52 mm (DIN ISO 20457)

**Length:** 1.55 m (DIN ISO 20457)

**Width:** 1.55 m (DIN ISO 20457)

**Weight:** 4.7 kg

**Compressive strength:** 30 kN/m<sup>2</sup> at 10% compression, unfilled  
(DIN EN ISO 25619-2) 110 kN/m<sup>2</sup> at 10% compression, filled

**Water drainage capacity:** i = 0.01 (=1 % gradient): 1.5 l/(m\*s)  
(DIN EN ISO 12958) i = 0.02 (=2 % gradient): 2.1 l/(m\*s)  
i = 0.05 (=5 % gradient): 3.3 l/(m\*s)

**Backfill volume:** 24.4 l/m<sup>2</sup> (guide value)

**Water storage:** 18.8 l/m<sup>2</sup> unfilled (guide value)

**Material:** HDPE reclaimed recycled

**Height:** 52 mm (DIN ISO 20457)

**Length:** 1.55 m (DIN ISO 20457)

**Width:** 0.75 m (DIN ISO 20457)

**Weight:** 2.2 kg

**Compressive strength:** 30 kN/m<sup>2</sup> at 10% compression, unfilled  
(DIN EN ISO 25619-2) 110 kN/m<sup>2</sup> at 10% compression, filled

**Water drainage capacity:** i = 0.01 (=1 % gradient): 1.5 l/(m\*s)  
(DIN EN ISO 12958) i = 0.02 (=2 % gradient): 2.1 l/(m\*s)  
i = 0.05 (=5 % gradient): 3.3 l/(m\*s)

**Backfill volume:** 23.3 l/m<sup>2</sup> (guide value)

**Water storage:** 14.9 l/m<sup>2</sup> unfilled (guide value)



Due to the overlaps during installation the values of the total area of the PV system vary depending on the project and are therefore also output by Solar Planit during planning.



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Subject to changes and errors excepted.

Last updated: November 2024 / TP