



VIRIdiVITA premium roof

Cool down your top

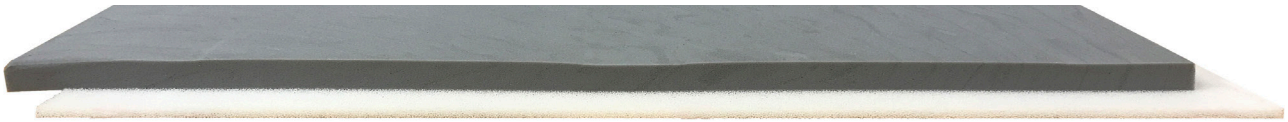


VIRIdiVITA premium roof is a water storage that returns the absorbed water to the natural cycle on site. The resulting evaporative cooling improves our microclimate. The water storage was specially developed for a high water saving capacity with additional rootability.

simple – clean – easy to handle



VIRIdiVITA premium roof



- purpose:**
- water storage and return to the natural cycle on site
 - water retention (drain delay)
 - creating a basis for fauna and flora life
 - active contribution to climate improvement
- function:**
- water is actively absorbed and stored
 - release of stored water to plants
 - release of stored water to the environment (evaporation)
 - delayed release to the sewerage system when storage capacity is full
- advantages:**
- maximum storage capacity with minimum layer height
 - water saving capacity of three 10-year rain events according to SN 592 000 (normative specification) in 72 hours
 - minimal weight load due to low weight own
 - sustainable product for decades
 - water storage instead of pure retention / drain delay
 - available water as a basis for plant life
 - active improvement of the microclimate (cooling through evaporation, reduction of heat islands)
 - no wind erosion
 - increase in the green area ratio GFZ
 - additional mechanical protective layer for the roof skin

| | | | |
|------------------------------|---|-----------------------------|---|
| 42 l/m² | water saving capacity (EMPA PB 462158-2) | 200 x 100 x 7 | standard mat format in cm (individual mat thicknesses on request) |
| 0.023 | water drainage C-coefficient (EMPA PB 462158-2) | UNI EN ISO 9001:2015 | manufacturing certification |
| 97.7% | water saving | 14 kPA | compression hardness 40% (DIN EN ISO 3381/1) |
| 2.5 kg/m² | weight dry | | |
| 44.5 kg/m² | weight saturated | | |

stable to temperature and hydrolysis, environmentally compatible (sqts 2013L31787)