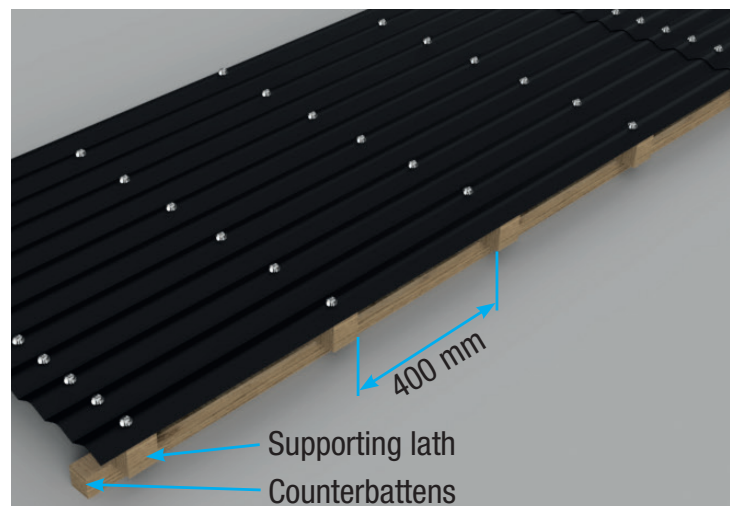
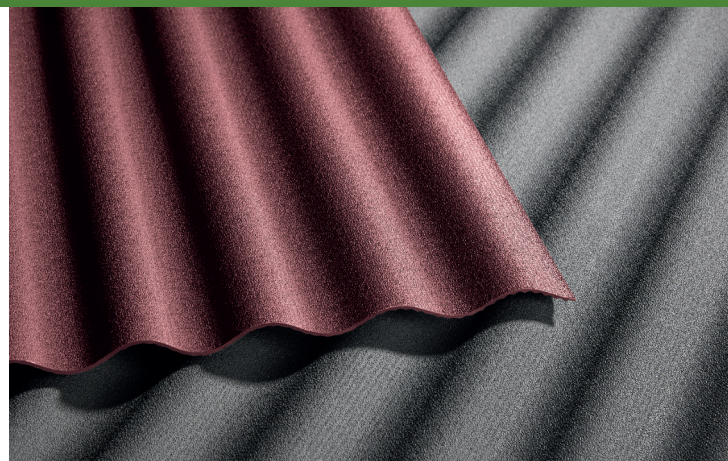


guttanit+ Installation instructions

Fastening with guttanit+ screw

- Minimum roof slope $7^\circ = 12.3\%$ (standard roof slope 10°) in water flow direction
- Substructure Supporting battens 60 x 60 mm, counter-battening min. 45 x 45 mm
- **Batten spacing max. 40 cm** for average snow and wind loads. In areas with high loads, reduce accordingly!
- only peeling drill, straightedge, possibly saw, cordless screwdriver and screws with sealing cap are required for installation
- use a weight-distributing walking plank
- Laying against the main wind direction from the eaves to the ridge
- To avoid corner cuts or quadruple overlaps, the panels can be laid staggered. Start the first row with a whole panel and the second with a panel cut in half. Continue this procedure in alternation.
- Pre-drill the slabs with a peeling drill, **drill diameter 10 mm**.
- Side overlap one shaft, for low roof pitches and/or high loads 2 shafts
- Longitudinal overlap min. 15 cm, with low roof pitches and/or high loads min. 20 cm
- Plate overlap in the eaves area max. 5 cm
- Screw on every 2nd wave hill, in the overlap and edge area every wave! **ATTENTION:** The corrugation must not be displaced in the process. Screw only so tightly that the sealing cap fits snugly.
- First screw the first and penultimate shaft crest, then the intermediate fastenings
- Recommendation: Use spacers
- approx. 18-22 fasteners/m²
- Mount molded parts



Accessories



Spacer sinus for sinus plates
20 St. Art.-Nr.: 3410006
100 St. Art.-Nr.: 3410011

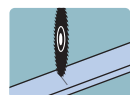


Plastic drill HSS, stepless, 4 - 14 mm,
Art.-Nr.: 3410241

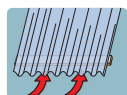


GUTTANIT PLUS TORXSCHR. ZINCED
4,5 X 45 MM 100 STK/BEUTEL
Art.-Nr.: 3411143

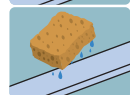
Editing



Cut with fine-toothed hand or table circular saws. Remove any swarf.



Sufficient rear ventilation in accordance with DIN 4108 must be ensured.

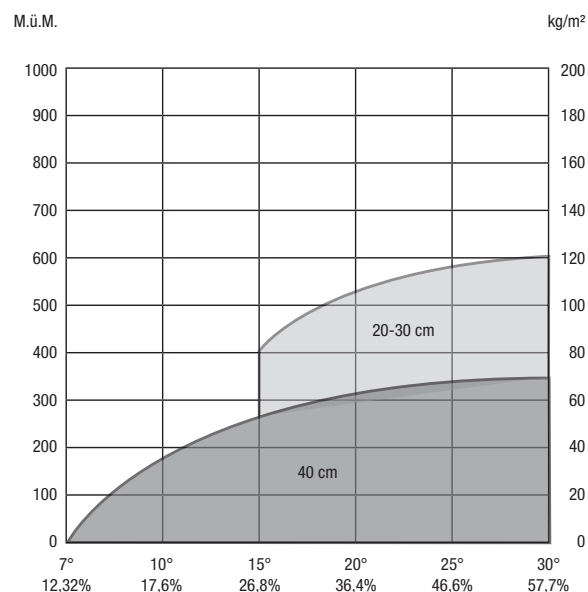


Clean only with mild soapy water, plenty of water and sponge.



Walk only with weight-distributing, cushioned running board

Object location / Roof pitch

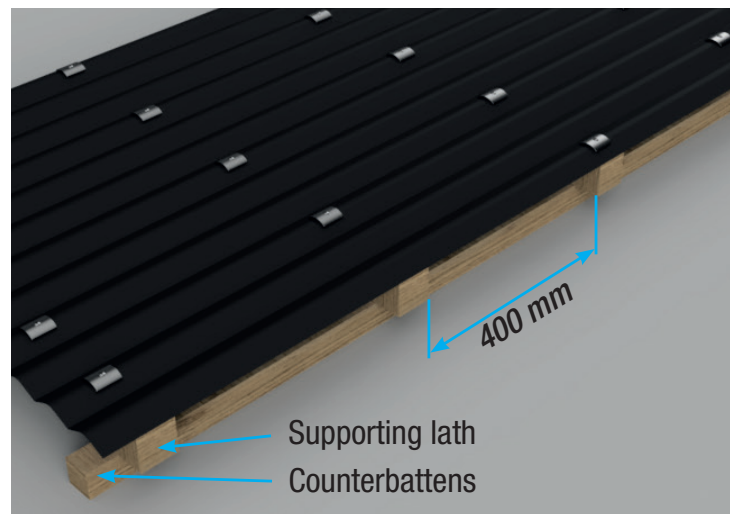
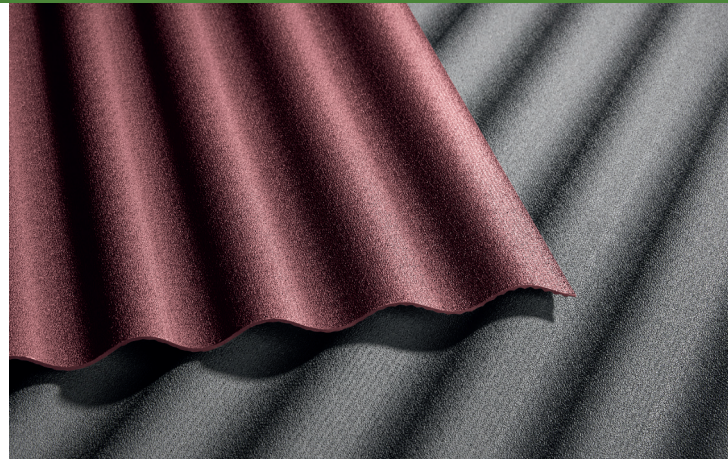


gutta[®]

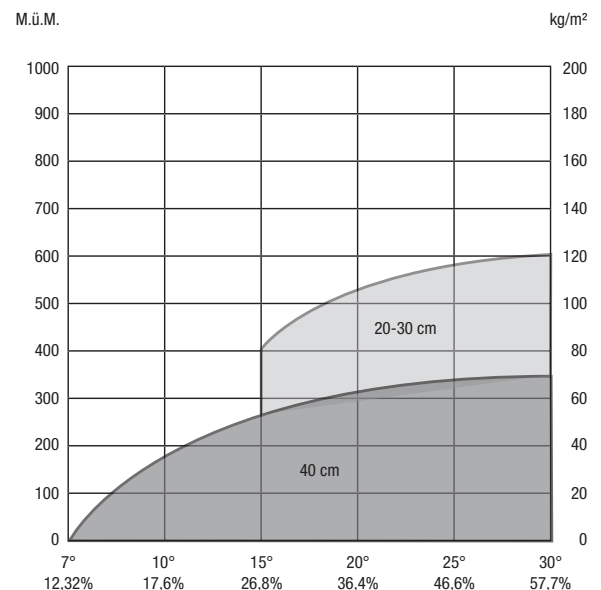
guttanit+ Installation instructions

Fastening with Calotte

- Minimum roof slope $7^\circ = 12.3\%$ (standard roof slope 10°) in water flow direction
- Substructure Supporting battens 60 x 60 mm, counter-battening min. 45 x 45 mm
- **Batten spacing max. 40 cm** for average snow and wind loads. In areas with high loads, reduce accordingly!
- only peeling drill, straightedge, possibly saw, cordless screwdriver and screws with sealing cap are required for installation
- use a weight-distributing walking plank
- Laying against the main wind direction from the eaves to the ridge
- To avoid corner cuts or quadruple overlaps, the panels can be laid staggered. Start the first row with a whole panel and the second with a panel cut in half. Continue this procedure in alternation.
- Pre-drill the slabs with a peeling drill, **drill diameter 10-14 mm**.
- Side overlap one shaft, for low roof pitches and/or high loads 2 shafts
- Longitudinal overlap min. 15 cm, with low roof pitches and/or high loads min. 20 cm
- Plate overlap in the eaves area max. 5 cm
- Screw on every 3rd wave hill, in the overlap and edge area every 2. wave! ATTENTION: The corrugation must not be displaced in the process. Screw only so tightly that the sealing cap fits snugly.
- First screw the first and penultimate shaft crest, then the intermediate fastenings
- Recommendation: Use spacers
- approx. 13-15 fasteners/m²
- Mount molded parts



Object location / Roof pitch



Accessories



Spacer sinus for sinus plates
20 St. Art.-Nr.: 3410006
100 St. Art.-Nr.: 3410011

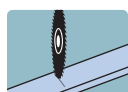


Plastic drill HSS, stepless, 4 - 14 mm,
Art.-Nr.: 3410241

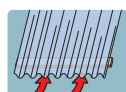


Calotte sine 76/18 + stainless steel screws
50 St. Art.-Nr.: 3411297

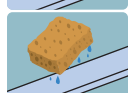
Editing



Cut with fine-toothed hand or table circular saws. Remove any swarf.



Sufficient rear ventilation in accordance with DIN 4108 must be ensured.



Clean only with mild soapy water, plenty of water and sponge.



Walk only with weight-distributing, cushioned running board