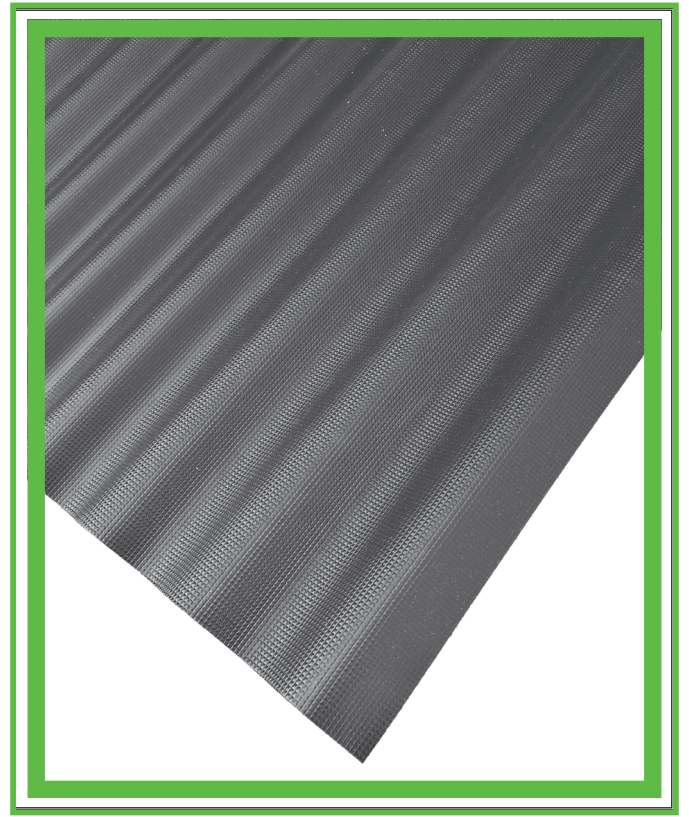
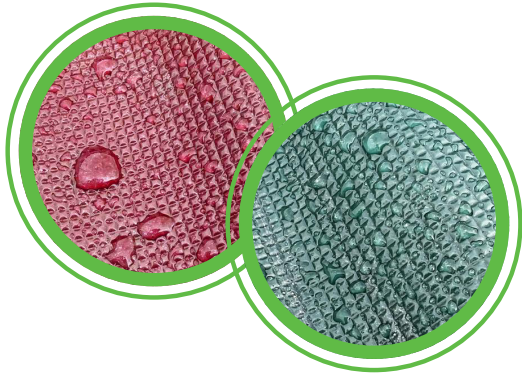


gutta[®]

Plastic sheet for final covering



guttapral[®] EVO



ADVANTAGES

- » 100% Recycled
- » 100% Recyclable
- » CAM certified
- » Dimensional stability
- » Easy to handle
- » Anti-hail
- » Does not corrode
- » Zero waste, free take-back at end-of-life
- » 30 years warranty on the waterproofing*

* If installation instructions provided by the company are carefully complied with.

Laying instructions

PREPARING THE SUPPORT SURFACE

New roof

You can use a continuous or discontinuous load-bearing surface. In this case, you can use a batten with centre-to-centre distance depending on the load that the roof has to bear, using 60 x 60 mm laths:

- Snow load of up to 90 kg/m²
centre-to-centre distance 62 cm
- snow load of up to 200 kg/m²
centre-to-centre distance 46 cm
- snow load of up to 350 kg/m²
centre-to-centre distance 31 cm

Roof under renovation

Due to their flexibility, the sheets can adapt to slight defects in the plane of the supporting surface. Nevertheless, prior to installation you need to make sure that such irregularities allow for the sheets and the overlaying roofing to be properly installed. In addition to ensuring a level surface, also make sure that there are no rough areas with significant irregularities that can damage the sheets and compromise their efficiency. If hooks are used to secure the gutters, these must be installed beforehand at the ends on the rafters and underneath the roofing.

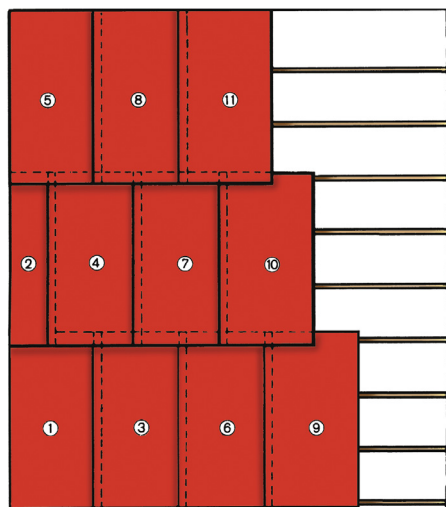


Fig. 1 Laying the sheets

Technical datas

Colors	Black, Red and Green
Dimensions	2,00 x 0,95 mt
Thickness	3 mm
Corrugation pitch	95 x 34 mm
No. of waves	10
Average weight	3,35 kg/m ²
Gross surface	1,90 m ²
Net surface	1,59 m ²
Nailing	See laying instructions
Fire resistance class	E
Tolerances	± 7%
Packing	150 sheets per pallet

TIMBER TREATMENT

Prior to laying the sheets, it is recommended to impregnate all the timber that makes up the supporting frame of the roof, with an insecticide and fungicide treatment on all the timber surfaces, in order to extend its useful life.

LAYING THE SHEETS

When laying the sheets, always start from the bottom corner of the roofing, on the opposite direction of prevailing winds. The sheets must be laid parallel to the eaves, moving up in steps towards the ridge (Fig. 1). The sheets must not project at the eaves by more than 5 cm.

OVERLAPPING

Side lap: one corrugation
Head lap: 15 cm.

FIXING THE SHEETS

The sheets are secured by means of nailing using zinc-plated nails guttanit® TS18. Two rows of nails are driven in, parallel to the direction of the head up at the end of each side of the sheets, always inserted from the top of each corrugation. Subsequent rows of nails are driven in every third corrugation, always into the supporting battens through the top of the corrugation. In case

of a reinforced concrete slab, on the other hand, fix the sheets using the special hook, using 4 to 6 hooks per sheet, with steel nail. Proceed in the same manner for the covering of existing roofs.

VENTILATION

To ensure efficient roof ventilation, avoid obstructing the ridge by making sure that the sheets end at least 5 cm from the ridge apex, thus allowing the air to flow through from the eaves, through the batten cavity and up to the rooftop. This constant flow of air avoids the build up of mould and mildew, and the formation of condensation.

