

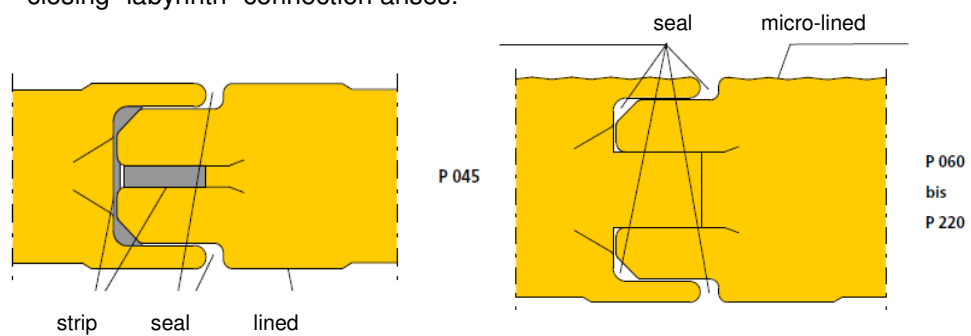


General description Roma-insulating panel, type P

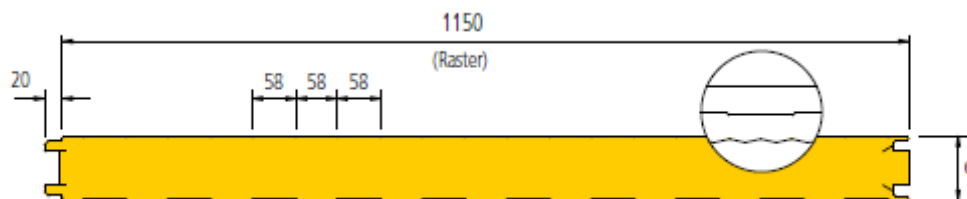
Insulation core : rigid polyisocyanurate (PIR) foam with a volume weight of 45 kg/m³ ± 5 kg/m³.

R-value : at 45 mm panel thickness 0,469 W/m²K (R-value 2,39 m²K/W);
 at 60 mm panel thickness 0,352 W/m²K (R-value 3,10 m²K/W);
 at 80 mm panel thickness 0,264 W/m²K (R-value 4,05 m²K/W);
 at 100 mm panel thickness 0,211 W/m²K (R-value 5,00 m²K/W);
 at 120 mm panel thickness 0,176 W/m²K (R-value 5,95 m²K/W);
 at 140 mm panel thickness 0,151 W/m²K (R-value 6,89 m²K/W);
 at 170 mm panel thickness 0,124 W/m²K (R-value 8,32 m²K/W);
 at 200 mm panel thickness 0,106 W/m²K (R-value 9,74 m²K/W);
 at 220 mm panel thickness 0,091 W/m²K (R-value 11,24 m²K/W).

Panel connection : by means of the Roma-stecksystem. After the curing time of the rigid polyisocyanurate foam and exact milling of grooves an optimum precise closing “labyrinth” connection arises.



Fire Resistance : B1, according to DIN 4102. Euroclass B-s2,d0 or B-s1,d0 according EN 13501-1. Optional: FM-Approvals Class 4880 (walls), 4881 (facades).



Material : on both sides high quality sendzimir galvanized steel plate (standard 0,6 mm) with or without coating material. The Roma-panels are equipped with a detachable film on both sides. This to avoid transportation damages; the film must be removed before the erection.

Finishing surface : standard: outside and inside lined (58 mm). surcharge: one or both sides flat, lined or one side micro-lined (14 mm). Production tolerances acc. EN 14509 and EPAQ-guidelines.

Environment : Roma Nederland B.V. delivers exclusively panels without HCFC's. Manufactured according to ISO-14001:2004. EPD-EPQ-20130170-CBG1.

Quality check : EPAQ Krefeld, IMA Dresden, DIBt München, MFPA Leipzig, DEKRA.

