

Globalroof® IN 229Ai

IN 229 Ai is a flat roof system made of steel deck and structural perforated trays as inner face which makes the ceiling solution aesthetic . The system provides both excellent sound insulation and very good thermal performance Up 0.15W/m²K.

1- Non load bearing Hacierco C 500.90

- Thickness 1.25mm

2- Bituminous 5kg/m²

3- Tray covering with Vapor barrier

4- Cleats

5- Cladipan 32

- Thickness 90mm (Isover)

6- Purlin Multibeam

7- Isobardage

- Thickness 120mm (Isover)

8- Roof deck profile Hacierco 40 SR

- Thickness 0.75mm

9- Mineral wool

- Thickness 120mm

10- Multi-layer bituminous waterproof membrane

- Sound reduction index $R_w(C;Ctr) = 64(-4;-10)$ dB
- Thermal transmittance $U_p = 0.15\text{W/m}^2\cdot\text{K}$ estimated
- Weight: 64kg/m²
- Spacing: 43cm

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