



# POLIISO AIR CARE GA080

Code: PAIR20GA080 (thickness 20,5 mm)

PAIR30GA080 (thickness 30,5 mm)



**POLIISO® AIR CARE GA080** is a sandwich panel made of rigid closed cell polyiso foam (polyurethane foam), yellow color, coated between an 80 µm embossed aluminum facing and an 80 µm antibacterial smooth aluminum facing.

Panels has standard size 1200 x 4000 mm and are available in thickness of 20,5 mm and 30,5 mm.

**APPLICATIONS WITH POLIISO® AIR CARE GA080: Costruction of pre-insulated aluminum ducts for air distribution**

CHARACTERISTIC	STANDARD	UNIT	VALUES
Thickness	EN 823	mm	20,5 – 30,5
Thickness tolerance	EN 823	mm	± 0,5
Lenght	EN 822	mm	4000
Width	EN 822	mm	1200
Width tolerance	EN 822	mm	± 3
Lenght tolerance	EN 822	mm	± 5
Squaring	EN 824	mm/m	1
Density		kg/m <sup>3</sup>	50 ± 5%
Specific heat		J/kgK	1500
Initial thermal conductivity ( $\lambda_i$ )	EN 12667	W/mK	0,020
Compressive stress at 10% deformation	EN 826	kPa	≥ 200
Dimensional stability at 70±2 °C, 90±5 % UR, 48±1 h Thickness change Change in length and width	EN 1604	% %	≤ 4 ≤ 1
Dimensional stability at -20±3 °C, 48±1 h Thickness change Change in length and width	EN 1604	% %	≤ 2 ≤ 0,5
Water absorption by immersion (28 days)	EN 12087	Vol %	≤ 1
Water vapour diffusion resistance factor ( $\mu$ )	EN 12086		∞
Reaction to fire	DM 26/06/84	Class	0-1
Temperature range of application		°C	- 30 / + 65