



GRP SOAKER PANELS

Our **GRP soaker panels** are manufactured using high-quality orthophthalic gelcoats, resins, and E-class glass fiber. These panels are **weatherproof, UV-resistant, corrosion-resistant**, and suitable for outdoor use in the harsh weather conditions of high humidity and high temperatures dominant in the Gulf region.

Our **soaker panels** (roof curbs) provide an effective solution for ensuring a fully waterproof joint between roof cladding and any projection above the roof level. These projections are generally caused by **smoke vents, exhaust fans, skylights, column beams, chimneys, etc.**

Our **GRP Soaker Panels** (roof curbs) have a design life exceeding 15 years. They have a standard thickness of 3 mm in the profile area and 5–6 mm in the upstand area. The standard exterior finish color is light grey (RAL 9002). **GRP soaker panels** are available in round, square, and rectangular openings. Higher thickness, different colors, and customized profiles can be manufactured upon request.



MATERIAL TECHNICAL DETAILS

Tensile Strength	85 N/mm ²	ISO 527-1:2019
Flexural Strength	130 N/mm ²	BS 2782 P-10:1977
Tensile Strength	8kN/mm ²	ISO 527-1:2019
Flexural Strength	7kN/mm ²	BS 2782 P-10:1977
Impact Strength	45 kJ/mm ²	ISO 180-1993
Hardness (Barcol)	40	ASTM D 2583-87
Tensile Elongation	1.8%	ISO 527-1:2019
Oxygen Index (Approximately)	25%	ISO 4589-1996
Heat Transfer Coefficient	5.7 W/m k	
Thermal Expansion Coefficient	24 X 10 m/C	
Operating Temperature	-20 C to +85 C	
Dimension tolerance	Width ± 10 mm, Length ± 10 mm	