

## TECHNICAL PROPERTIES

	<b>METRIC</b>	<b>IMPERIAL</b>
Density	Min 32kg/m <sup>3</sup>	Min 2 lb/ft <sup>3</sup>
Compressive Strength <b>ASTM D1621</b>	> 248 kpa	> 36psi
Shear Strength <b>ANSI A118.10</b>	> 345 kpa	> 50psi
Tensile Strength <b>ASTM D 1623</b>	> 227.5 kpa	> 33psi
Linear Expansion <b>ASTM D 1037</b>	0.005%	0.005%
Operating Temperature Range	-58 F to +194 F	-50 C to +90 C
Ozone Depleting Substances	Zero	
Flame Spread	Zero	
Flamability	B1 - E	
R-Value	2.2 per 1/2 inch of thickness	
Fungus and Microorganism Growth <b>ASTM D 4551-12</b>	Zero	
Capillary Action	Zero	
Water Absorption under immersion	Less than 1% by volume	
Point Impact Load Test <b>CSA B45.5/IAPMO Z124</b>	Passed	
Hydrostatic Pressure Test <b>ASTM D 4551</b>	Passed	
Solid Brass Drain Assembly <b>ASME A112.18.2/CSA B125.2</b>	Passed	

All **HYDRO-BLOK** products were tested by **IAPMO** under **IAPMO PS 106-2013b** "Tileable Shower Receptors and Shower Kits". **HYDRO-BLOK** products are **ICC-ES certified**.

**HYDRO-BLOK's** extruded polystyrene foam is closed cell, 100 percent waterproof, manufactured using a CO<sub>2</sub> blowing agent and does not contain any HCFC or CFC. It exceeds current industry standards for Ozone depleting substances.

*Updated January 2019*