SUMMIT
ABOVE EXPECTATIONS

Est. 1951
SWARTLAND
INSULATION

XPS INSULATION BOARD PROPERTIES

PHYSICAL PROPERTIES	STANDARD	RESULT
Density[2]	ISO 845; 1988	35–37 kg m^3 (±4%)
Compressive strength[5]	ISO 844; 1978	310 – 360 kPa
Water vapour permeability[2]	ISO 1663; 1981	369 g/m^2
Water absorption[6]	ISO 2896; 1987	<0.5% by volume
Dimensional stability	EN 1604	< 1.0%
Thermal conductivity	ISO 8302; 1991	0.03 W/m.K

FIRE REACTION TEST CONFIRMATION	
Test report no	2023-02-16 Swartland
Code applied	SANS 53501-1
Product	Insulation Material
Materials	Extruded Polystyrene
Tests performed	SANS 1743, SANS 53823, SANS 11820, SANS 11925-2, EN 5660
Classification	B-s1,d1

