

## Technical Datasheet – REX60 Recycled foam



100% Agglomerate XPE mixed foam from industrial rest material

Starting from scraps of our polyethylene closed cell foam, this very versatile material is developed and distributed in panels of various thicknesses.

Reused mixed closed cell cross-linked polyethylene foam selected and re-agglomerated without resin – For use of any kind in multiple sectors and applications.

The material retains the features of polyethylene closed cell foam.

PIR (Post industrial recycled)

Properties		Test Method	Unit	Tolerance	Value
Density		ISO 845	Kg/m <sup>3</sup>		60-80
Plank thickness		ISO 1923	mm		50
Plank width		ISO 1923	mm	± 1%	1000
Plank length		ISO 1923	mm	± 1%	2000
Compression strength		ISO 3386-1	kPa	10%	40.33
				25%	83.67
				50%	237.67
Tensile Resistance		ISO 1798	Mpa		0.38
Lengthening at the breaking		ISO 1798	%		33.5
Tear resistance		DIN 53 507	%	N/mm	2.13
Compression set	25%, 30', 23°C	ISO1856	%		8.78
	25%, 22h, 23°C				2.83
Compression set	25%, 30', 23°C	ISO1856	%		19.98
	25%, 22h, 23°C				6.97
Thermic Conductivity	Anacon 88	Internal	W/m.K		0.0440
			Kcal/mh°C		0.0378
Thermic stability		ISO 2796	°C		105
Fire behavior		Flame Speed	DIN 75200	mm/min	0
Shore		Shore 0	ASTM D 2240	Shore	28
		Shore 00	ASTM D 2240	Shore	49
		Shore A	ISO R.868	Shore	34
		Shore D	ISO R.868	Shore	1
Conditioning		Weather conditions	Hours		>72
		Temperature	°C		22
		Dampness	%		41

The test results about this report are subscribe only to the sample tested

Standard used:	UNI EN 13719 : 2004	Test conditions: 300 kN/m <sup>2</sup>
Product standard:	UNI EN 13255 : 2005	