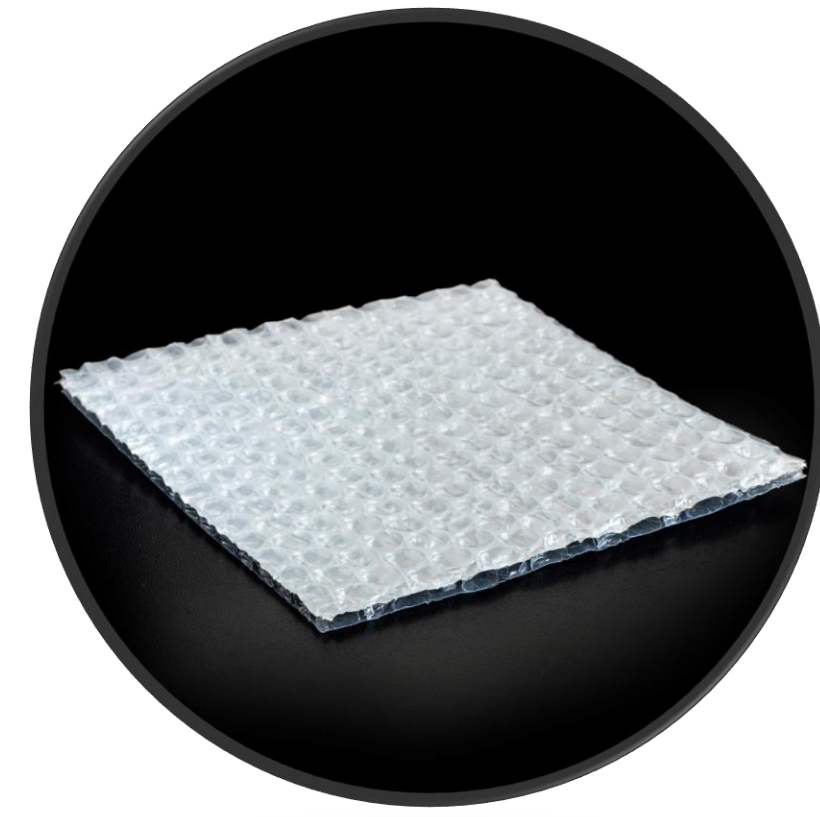


# Polynum™ Floor - Impact



Thermal and acoustic insulation sheets for all types of flooring

The innovative and unique bubble/foil/bubble layering system ensures that none of the reflective foil is in direct contact with the curing concrete. The foil is in the middle of the product keeping a small airspace between the outside layers of bubbles.

## Applications :

- Ideal for insulating floors as a layer upon concrete under the flooring.
- The sheets for combining suitable sound insulation with thermal insulation under all types of flooring: ceramic, marble, PVC, parquet, and Deck.
- Ideal for application in combination with underfloor heating systems.



Against condensation  
Resistant to moisture



Reflect 97% IR



Thermal Insulation



Saving Energy



Green Building



Durability for Years



No eye & face protection  
required



Light weight & Thin



Easy to Install

Property	Units	Dir	Value
Nominal thickness (EN 823)	mm		8.0 +/-5mm
Standard Roll Size	m X m		1.2mX 30m
Standard Roll Weight (Gross)	kg		14.5 kg
Emissivity (ASTM C 1371)			0.05
Reflectivity (ASTM C 1371)			0.95
Heat resistance (R)*	m <sup>2</sup> .°C/W		1.35
Impact noise reduction ISO 140-8	dB		-25
Resistance to Corrosion 1 (App.1)	AS/NZS4859		Pass
Tensile properties (ASTM C 1136-92)	g/cm-width	MD	>10kg/cm <sup>2</sup>
Puncture properties	g/cm-width		72 kg/cm
Water Vapor Transmission (ASTM E-96 (method A))	g / ft <sup>2</sup> · hr		0.018
Fungal Resistance Test (ASTM C 1338)			No fungal growth
Dry Delamination	AS/NSZ4201		Pass (<0.5%)
Thermal Stability Test for cracks @ 110°C ASTM 1136-92 & ASTM 1204-94			Pass

