

Properl Loose

Loose Fill Perlite Insulation

Description	It is perlite insulation as an inert volcanic glass expanded by a special heat process. The lightweight product is a white granule that handles and pours easily. It gives a 50% reduction in heat transmission or more.1 It is compiles with ASTM C-549, C-520, C-1363, E-84	
Where to use	<ul style="list-style-type: none"> • Filling the hollow cavity and hollow cores of concrete blocks. • Filling the hollow core of cavity-type masonry walls. 	
Advantages	<ul style="list-style-type: none"> • It is not combustible. • It improves fire rating from 2 hours to 4 hours fa or 20 cm concrete block. • Easy to apply. • Economic • Eco-friendly. • Inorganic so it is rot-resistant. • Non-settling. • Flow able. 	
Properties		
Color	White	
PH	6.5 – 7.5	
Bulk Density	50 – 400 Kg/m ²	
Grain Size	0 - 5mm	
Thermal conductivity	0.04 -0.06 w/m.k°	
Melting Point	1260 - 1340 °C	
Softening Point	850 - 1100 °C	
Fire Rating	Up to 4 hours	
NCR	0.9	Noise Reduction Coefficient
Surface Preparation	<ul style="list-style-type: none"> • The loose fill should be installed in the cores of all exterior (or interior) hollow masonry. • It is used in the cavity between all exterior (or interior) hollow masonry walls. • It is used between exterior masonry walls and interior furring. • The material should be poured. Directly (or via a hopper) on the top of the walls (not exceeding 6 m). • The walls section under doors and windows should be filled before sills are placed. • Rodding or tamping is not recommended. • All holes or openings through which the material can escape should be sealed. • Screening should be used in all weep holes. • The material must remain dry and protected from inclement weather 	
Theoretical coverage	<ul style="list-style-type: none"> • 1 sack fill up to 17 pieces 20cm. concrete block • 7 sacks fill approx. 9 m² of 20cm. concrete blocks. 	
Packaging	15 Kg Sacks	

Shelf life & Storage	Unlimited in its sealed packs stored under proper conditions.
Health and Safety	<ul style="list-style-type: none">• Use goggles-gloves and a breathing mask when applying.• Apply forced ventilation in confined spaces.• Remove splashes from the skin with a hand cleanser or soap and water.• Eye splashes are to be washed with plenty of water.
Additional information	<p>PROKEM provides the construction industry with a comprehensive range of construction chemicals and specialty products answering the queries of modern engineers for trouble free durable structure.</p> <p>PROKEM designs tailor made products should there be critical application that requires specific properties rather than our main range for our customer's satisfaction.</p> <p>PROKEM reserves the right to change the properties of its products.</p> <p>All orders are accepted subject to our current term of sale & delivery.</p> <p>Users must always refer to the most recent issue of the local product data sheet for the product concerned, copies of which will be supplied on request.</p> <p>PROKEM extends technical services to include after-sales support to assist users in the proper handling of our products.</p>
