

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	•Filling the hollow cavity and hollow cores of concrete blocks. •Filling the hollow core of cavity-type masonry walls.	
Advantages	•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	•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	•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	• 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	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. PROKEM designs tailor made products should there be critical application that requires specific properties rather than our main range for our customer's satisfaction. PROKEM reserves the right to change the properties of its products. All orders are accepted subject to our current term of sale & delivery. 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. PROKEM extends technical services to include after-sales support to assist users in the proper handling of our products.