



## QUALITY CERTIFICATE

### 1.CHARACTERISTIC

Name of Product : PERLISIOL P12  
Used For : Insulation, filling, fire resistant products, construction, lightweight products, building materials, dry mix mortars.

### 2.CHEMICAL COMPOSITION

SiO<sub>2</sub> 71-74  
Al<sub>2</sub>O<sub>3</sub> 12-14  
K<sub>2</sub>O 5-6  
NA<sub>2</sub>O 3-4  
MgO 0,10-0,20  
CaO 0,8-1,0  
Fe<sub>2</sub>O<sub>3</sub> 0,5-1  
TiO<sub>2</sub> 0,09-0,012  
Loss of Ignition 3-4

### 3.PHYSICAL PROPERTIES

Rock Structures : Classical Perlite  
Colour : Whight  
Bulk Density : 50-60 kg/m<sup>3</sup>  
Moisture : max. 1%  
Ph : 6 – 8,5

### 4.SIEVE ANALYSIS %

MM	%
+2.00	25-30
+1.00	30-35
+0.50	15-20
+0.21	15-20
-0.85	20-25