













Perlite Based Products

| Product Type >>> |  |  |  |  |  |  |
|--|---|---|---|---|---|---|
| Specification | SIVAPER S01 - Thermal Insulating Perlite Plaster Int-Ext- | SIVAPER S02 - Lightweight Perlite Plaster (Interior) | SIVAPER S03 - Thermal Insulating Perlite Screed | SIVAPER S04 - Thermal Insulating Perlite Plaster | SIVAPER S05 - Thermal Insulating Perlite Screed | SIVAPER S07 - Lightweight Perlite Screed |
| Thermal insulating | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Water repellent | ✓ | X | ✓ | X | X | X |
| Fire resistance – Class A1 | ✓ | X | ✓ | ✓ | ✓ | ✓ |
| Especially reduces pulsed sounds | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Lighter than traditional mortars | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Provides breathable walls with its porous structure | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Doesn't cause humidity | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Applied as traditional methods | | X | | | | |
| Environment friendly | ✓ | ✓ | | ✓ | ✓ | ✓ |
| Packing : | 15 kg paper bags (approx.55 lt) | 20 kg paper bags (approx.55 lt) | 15 kg paper bags (approx.55 lt) | 15 kg paper bags (approx.55 lt) | 15 kg paper bags (approx.55 lt) | 20 kg kraft torba |
| Appearance : | White powder | White powder | Grey powder | White powder | White powder | Beyaz toz |
| Usage Areas | exterior and interior walls. | Exterior/interior walls | Interior or Exterior floors. * | Interior walls | Interior or Exterior floors. * | Döşeme/Çatı tabanı |
| Application Temperature | +5 °C / +35 °C | +5 °C / +35 °C | +5 °C / +35 °C | +5 °C / +35 °C | +5 °C / +35 °C | : +5 °C / +35 °C |
| Thermal Conductivity Class | T1 | T2 | | T1 | | |
| Flammability Class | A1 | A1 | A1 | A1 | A1 | A1 |
| Consumption | 3,0 – 4,0 kg/m ² .cm | : 4,0 – 5,0 kg/m ² .cm | 3,0 – 4,0 kg/m ² .cm | 3,0 – 4,0 kg/m ² .cm | 3,0-4,0 kg/m ² .cm | 4,0 – 5,0 kg/m ² .cm |
| Water Repellency | Yes | | | | | |
| * Sivaper water proofing products should be applied on exterior surfaces | | | | | | |

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|  | SIVAPER S01 - Thermal Insulating Perlite Plaster | - Cementitious perlite based lightweight perlite plaster ,. Contains powder additives enhance water repellency, higher strength and easy application |
|  | SIVAPER S02 - Lightweight Perlite Plaster (Interior) | Cementitious perlite based lightweight perlite plaster . It contributes to thermal insulation. Doesn't cause humidity with its porous structure. |
|  | SIVAPER S03 - Thermal Insulating Perlite Screed | Cementitious perlite based lightweight perlite screed-usable on floorings, roofs, terraces and so on. - Sivaper S21 or Sivaper S22 water proofing products should applied on the screed after application on open air places where rain and water shall contact on the screed |
|  | SIVAPER S04 - Thermal Insulating Perlite Plaster | Cementitious perlite based insulating perlite plaster usable on exterior and interior walls. Doesn't cause humidity with its porous structure. |
|  | SIVAPER S05 - Thermal Insulating Perlite Screed | Cementitious perlite based lightweight perlite screed usable on floorings, roofs, terraces and so on. Sivaper S21 or Sivaper S22 water proofing products should applied on the screed after application on open air places where rain and water shall contact on the screed. |
|  | SIVAPER S07 - Lightweight Perlite Screed | Cementitious perlite based lightweight perlite screed usable on floorings, roofs, terraces and so on. Sivaper S21 or Sivaper S22 water proofing products should applied on the screed after application on open air places where rain and water shall contact on the screed. |