



## Product Description

**Perlcon VERTIGRIP (PLATINUM)** is a high strength polymer modified multipurpose cementitious ready mix adhesive mortar for fixing large vitrified tiles & natural stones of regular size, on the walls & floor with regular traffic. **Perlcon VERTIGRIP (PLATINUM)** is a single component adhesive having high bond strength suitable and applicable for interior as well as exterior conditions.

## Key Features

- It is a ready to mix, a single component product.
- High strength, polymer modified.
- Bonds to variety of substrates.
- It has excellent adhesion properties, no slip is observed on vertical applications.
- Shrinkage cracks are minimized/eliminated due to its self curing properties.
- Larger quantity of material can be mixed at a time due to its longer pot life.
- The tiled floor can be made available for foot traffic after 24 hours.
- **Exceeds IS 15477 - Type 2 Adhesive Standards.**

## Areas of Application

for fixing large format tiles & natural stones of regular size, on the walls & floor with regular traffic.

### TECHNICAL PARAMETERS#

testing parameters @ 27 deg C

|              |                   |
|--------------|-------------------|
| Bulk Density | 1.40 - 1.50 gm/cc |
| Water Demand | 26 - 28 %         |
| Pot Life     | Approx 90 minutes |
| Open Time    | 10 - 15 minutes   |

### Shear Adhesion

Dry Conditions (24 Hours) - > 4.0 KN 5.50 KN

Dry Conditions (14 Days) - > 10.0 KN 13.00 KN

Heat Ageing (7 Days Std + 7 Days Oven) - > 5.0 KN 6.00 KN

Wet Condition (7 Days Std + 7 Days Water) - > 10.0 KN 11.50 KN

## Surface preparation

- Carefully clean the substrate of oil stains, remove dirt / dust and laitance if any.
- Ensure that substrate is levelled, stable well adhered and has adequate absorption value.
- Concrete screeds, plaster surfaces to be sufficiently water cured prior to tiling work.
- Pre - wetting is recommended but there should not be excessive water when tiling is carried out.

## Mixing & Application Methodology

1. Clean plaster surface properly with wire brush. Fill a clean pot with potable water measuring 25% weight of **VERTIGRIP** (1 kg Vertigrip: 0.25 lit water).
2. Pour **VERTIGRIP**, mix with water and knead slowly to make a homogeneous paste. Let the mixture stand for 10 minutes. Mix again without adding water.
3. Apply **VERTIGRIP** paste as plaster on clean, dry base surface from bottom to top direction evenly to form the bedding layer of required thickness.
4. Take a notched trowel and make grooves of required size on the newly plastered area and take out extra **VERTIGRIP** for reuse.
5. Fix the tiles/Stons in required position, ensure full fixity by pressing and twisting the tiles so that no air gap is left out. Set the tiles with wooden hammer. **VERTIGRIP** allows a correction time of 10 - 12 minutes for re - alignment.
6. Remove extra material with wet cloth. Tile fixing is now complete.



## Consumption

1.2 Kg per square meter per mm of thickness  
The coverage will vary depending on surface conditions.

## Note:

- Minimum thickness to be applied is 3 - 6 mm to take care of the undulation in the wall as well as to ensure minimum 90% spread leading to good bonding strength.

## Pack Size: 20 kg & 40 kg

## Color: Grey & White

## Shelf Life

12 months from the date of manufacturing in a sealed condition.  
Store in a cool dry place.



**Health & Safety:** Perlcon VERTIGRIP PLATINUM is non-toxic. Use of gloves and goggles is recommended.

# : Pot life, open time and adjustability time varies depending on the service conditions viz temperature, humidity and wind factor.

# : These are typical test values obtained during our laboratory tests. Site mixes may show slight differences in performance due to method of application.

**Disclaimer:** Information on this datasheet is to be treated as guideline for usage. Users are advised to undertake a trial for product suitability prior to its full scale usage. There is no express or implied guaranty/warranty for the results. The company is not liable for any consequential damages.

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