



Complete Tile Fixing Solution



## DENSIFIER

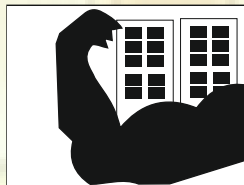
A WATER BASE BINDER WHICH PENETRATES INTO THE PORES OF MARBLE & STONES TO MAKE IT SOLID.



Latest Technology  
Value For Money



Durability



Reliability



Resists Algae &  
Fungus Growth



## Technical Data Sheet HP Denso 85

**Properties:** HP Denso 85 is liquid lithium based marble densifier. This is a transparent, colorless and full of mineral solution. This product with its high penetration in to the marble while reacting with the free lime and forming calcium silicate crystals has blocked the pores and capillary tubes. It does not allow water or steam particles, oil and even harmful gases to penetrate. Also, it actually removes efflorescence from marble surfaces by absorbing calcium and calcareous compounds. In other words, this product with its high penetration strength increases the texture density of these surfaces. Therefore, marble surfaces that have been reinforced with lithium-based densifier are actually waterproof by losing their absorption and penetration centers and they are impermeable to a great extent.

### Feature and Advantages

- ✓ Fully absorbent and penetration up to 20 mm in marble.
- ✓ Prevent the carbonation reaction of marble.
- ✓ Without create a layer and increase in surface thickness, hue and change the surface color.
- ✓ Permanent durability and stability, Nonflammable .
- ✓ Improve the abrasion resistance of marble surfaces.
- ✓ Product is environmentally friendly because being water-based.
- ✓ No participate in an alkali-silica reaction of marble.
- ✓ Being lithium-based and absorption of free lime and efflorescence control strength.
- ✓ Ability to filling pores and capillaries and microscopic marble ducts.
- ✓ Ability to increase the marble density.
- ✓ Restoring old marble surfaces and further strengthening.
- ✓ Ability to control breathing of marble and prevent negative water vapor pressure.

### Shelf life & Storage condition

The product remains stable for 12 months in the supplied containers, well closed and store at Temperature between 05 °C to 30°C.

### Application

The area that can receive treatment must be uniform, dust free clean and dry, free of pollutants that could compromise some or all of the products absorption. During lower grit polishing stage, use low –pressure sprayer, spray the product and distribute it homogeneously with microfiber cloth, while on coarse profile surfaces such as brushed marble, use industrial brushes. After applying as a densifier, wait 6-12 hours to continue the polishing cycle. It is critical that the product does not dry before it has penetrated into the surface. If the absorption of the densifier is slow, add moderate quantities of water without over-diluting the solution. If the absorption is immediate, adjust the quantity and reapply more of the product in order to keep the surface wait for at least 30 minutes. Densifier treatment can be performed on just poured marble after grinding, leveling or smoothing / polishing, always recommending a preliminary test in order to check for the absence of interference. At a distance of 12-24-48 hr from the first application, if the treated surface is still absorbing, reapply the HP Marble Denso 85 hardener lithium until pore saturation. Remove any unabsorbed liquid and allow drying the surface. After 3 days from the first coat, you can wet the surface with water to check its water resistance. In very old marble surface, In order to vertical surface – avoid excessive consumption and toning risks, recommended laying when wall is in shade.





This product can be applied to the surface with a low-pressure pump (spraying pump) or a brush with & without the need for dilution.

## Technical Specification

Property	
Physical appearance	Clear liquid
Purity	≥99
pH	11-12
Solid Percentage	11± 0.5 wt. %
Density	1.0 (± 0.02) kg/L

## Health Precautions

### Warning -

- ✓ Cause skin irritation , serious eye irritation

### Precautionary statements-

- ✓ Wash hands thoroughly after handling
- ✓ Keep reach out of children
- ✓ wear a P2 type respiratory mask
- ✓ Gloves ,Goggles and Dust mask should be worn
- ✓ If eye contact occurs flush with water for 15 minutes and consult with physician
- ✓ **Product only for professional use.**

For further and complete information about the safe handling of our product please refer to the latest version of our material safety data sheet.

## Customer Care



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**Home Is Everybody Pride So, Make Sure You Use Home Pride**

**Remark:** the directives contained in this documentation are the result of our experiments and have submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible application which are out of our control, we cannot accept any responsibility for the results obtained. In every case it is recommended to carry out preliminary experiments.



## TDS HP DENSO 85



Marble surface treated with HP Marble Denso 85



## Coverage

65-85 sq.ft. / Liter depending on the porosity of stone.

## Packaging Size

1 Ltr., 5 Ltr., 10 Ltr. & 20 Ltr.

