

Penetrat



Keeps walls dry



Very often water shows its power: moist masonry, crumbled away plasterwork, decaying wall. Penetrat, a well tested condensation procedure takes care of dry and healthy walls, a very important fact for the health of tenants in a house.

As long as people are building houses, they have to fight against water. Today it still is one of the most difficult tasks to fight moisture in underground and surface engineering, i.e. to drain off water. Quite often, it is later necessary to insure against the penetration of water: the pressure of underground water, ground moisture, or moisture through rain damages the stone walls. Penetrat is a condensation procedure which penetrates into the walls thanks to a natural mineral basis and which closes the capillary vessels. At the same time, the very important watervapour permeability remains.

That's how Penetrat works:

Penetrat is spread on the exposed walls.

Penetrat reacts to the existing moisture and deeply penetrates into the capillary vessels of the stone wall.

Finally, Penetrat thickens and crystallizes the water into the capillary vessels and completely seals the walls.

Penetrat is composed of cement, quartzsand, water and the actual Penetrat-concentrate, a solution on the basis of mineral salt.



And that's how we apply Penetrat.

We expose the damaged stone walls and clean them thoroughly. Depending on whether it is an old building or a new concrete construction, various working procedures are necessary. Penetrat deeply penetrates into the capillary vessels through the existing moisture and crystallizes the water. This reaction does not allow any more water to penetrate, but at the same time ensures the natural watervapour permeability of the walls. Old plaster hardens and becomes permeable. Porous concrete, for example becomes completely watertight against static water pressure. Reinforced iron is resistant to the Penetrat procedure.



Exclusive distributor in Hungary is:

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1. Talajnedvesség-, talajvíznyomás-, csapadékvíz elleni szigetelések, valamint hő- és hangszigetelések.
2. Mérnöki tevékenység, szaktanácsadás, műszaki ellenőrzés, tervezés, árajánlat készítés.
3. Speciális szigetelőanyag kereskedelem (Chem, Penetrát, Renovex, Wet-Save).