



- And we know how to solve them**
- If the plaster must be refurbished, why not also use it as a solution to the problem.
  - Simple interventions without requiring highly specialized labour.
  - Highly vapour-permeable and hygroscopic building materials and methods
  - Choose products free from substances that are harmful for those who use them and for the people who will live in close contact with them
  - Use products with a very low Eco-balance

- We understand the problems**
- The plaster on damp walls must always be removed.
  - Very costly and complex systems.
  - In countries with advanced economies, man spends about 90% of his time in buildings
  - Many of the materials used for building purposes release harmful substances for a very long time

## Refurbishing wet masonry

**Technokolla**  
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## Specification

### - REFURBISHING DAMP MASONRY

After all the old plaster has been removed up to a height of not less than 100 cm above the salt crystals, masonry affected by rising damp and saline bloom must be treated with lightened refurbishing plaster with thermal insulation properties, such as Technokolla's **GEOCALYX** which belongs to class **R/CSII** according to standard **EN 998-1** and is based on **NHL 3.5** natural hydraulic lime conforming to standard **EN 459-1** and aggregates including lapillo and non-ground alluvial sand.

Before the wall is plastered, it must be thoroughly washed with water to remove the salt residues. This is followed by application of special rendering, such as Technokolla's **GEOCALYX-UP**, which consists of raw materials that are compatible with the **GEOCALYX** plaster.

The plastering must be finished by applying a 2-3 mm skimming coat using a highly vapour permeable mortar based on natural hydraulic lime such as Technokolla's **GEOCALYX-END**.



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## Refurbishing wet masonry



20



20 Refurbishing wet masonry

# 20 Refurbishing wet masonry



GEOCALYX UP

GEOCALYX

GEOCALYX-END

VAPOUR-PERMEABLE  
PAINT

## Geocalyx Line

### MAIN BIOLOGICAL FEATURES

- Based on NHL 3.5 NATURAL HYDRAULIC LIME (EN 459-1)
- No solvents or formaldehyde
- Mould-inhibiting
- Very high vapour permeability
- Light bio-eco compatible aggregates

### MAIN ECOLOGICAL FEATURES

- Recyclable
- Uses local raw materials
- Low-energy manufacturing process
- Hydrothermally stable



## Geocalyx-UP

Rendering for preparing wall surfaces before **GEOCALYX** dehumidifying plaster is applied.

Conforms to standard **EN 998-1 class GP**.



## Geocalyx

Bio-ecological, lightened, macroporous dehumidifying plaster based on **NHL 3.5 natural hydraulic lime** for manual application both indoors and outdoors.

Conforms to standard **EN 998-1 class R**.



## Geocalyx-End

Highly vapour permeable mortar, specifically formulated for finishing dehumidifying plasters such as **GEOCALYX**.



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# Technical Drawings

