

## **Complete final coating system for damp and salt-laden walls after rising damp injection**

### **Application**

The Rewah range includes various products for the treatment of walls against rising damp. We all know that these products provide an effective barrier against this problem within 48 – 72 hours. However, it can take up to 12 or more hours for walls to dry out fully, as residual moisture remains present in walls for years and needs to evaporate. Until now, we were always advised to wait until walls were fully dry before adding a final coating. In addition, the presence of salts represents a secondary factor for most walls that have been affected by rising damp. Some salts also become crystallised during drying and concentrate on the wall surface. Other salts behave “hygroscopically”, which means that they absorb moisture from the ambient air, while the wall surface remains damp, even after being successfully treated against rising damp. With this in mind, Rewah has developed the **Membrascreen** coating system, which enables you to cover the entire wall surface before it is fully dry and/or neutralise the hygroscopic behaviour of the salts.

### **Properties**

The coating system consists of a fine membrane called **Membrascreen**. **Membrascreen** is a flat multilayer film and coated on both sides. The membrane is rot-proof and resistant to damp, salts, chemical products, bacteria and fungi. Applying **Membrascreen** membranes means that you can immediately add a final and permanent finish to the treated walls by applying a coating or plasterboard panels. The **Membrascreen** membrane should be secured using Botament M21 Flexlijm adhesive mortar, in order to form a physical barrier against residual moisture in walls. **Membrascreen** also insulates against salts in the ambient air and prevents them from behaving hygroscopically.

### **Directions**

#### **Preparation**

Use your preferred diagnostic tool to determine up to which height the walls are damp and/or contain salts. Remove the plaster from ground level upwards to a minimum height of 30 cm, up to which the walls are considered damp and/or salt-laden, until you expose the brickwork, in order to place the **Membrascreen** membrane. Cover the entire surface with Botament M21 Flexlijm adhesive mortar, which should be mixed according to the instructions shown in the technical information. Apply the membrane to the wet adhesive mortar.

#### **Work method**

**Membrascreen** can also be embedded in 2 coats of plaster. In this case, it is necessary to prevent any bridging in the injected area, onto which a strip of **Membrascreen** should be applied using Botament M21 Flexlijm adhesive. The first coat of plaster can then be applied to this area, as well as the rest of the surface, and the **Membrascreen** can be embedded. The surface can then be finished by applying the 2<sup>nd</sup> coat of plaster.

**Important remarks**

This system can't be used on a continuously wet subground. Cover the joints, angles, gaps and any damage using Membrasce Tape. Membrasec Tape is a self-adhesive butyl tape, with an adhesive coating and film that can be covered with plaster. All you have to do is remove the anti-adhesive coating from the adhesive tape before applying it to the surface. The final coating can be applied immediately, after the **Membrascreen** system has been fitted, by applying the desired plaster coating. Of course, the adhesive must be sufficiently dry in order to provide the desired resistance. Alternatively, plasterboard panels can also be applied to the membrane.

**Technical characteristics**

Installation	Flat sheet, coated on both sides with a coating mat
Total weight	+/- 275 g/m <sup>2</sup>
Number of studs	none
Tensile strength	+/- 250 - 280 N/5 cm
Vapour-proof	value sd 60 m
Resistant to temperatures	ranging from - 30°C to + 80°C

**Colors**

Yellow

**Quantity to use**

1 m<sup>2</sup>/1 m<sup>2</sup> (make sure you calculate some margin)

**Packaging**

roll 1 m x 30 m

**Safety information – Transport – Handling and storage - Waste**

Consult the most recent and product-related safety information sheet from Rewah in compliance with the (EU) 453/2010 annex II/A guidelines. The information on the abovementioned safety information sheet has been drawn up with the greatest care and is based on the knowledge available at the date of issue. We accept no liability for damage or hindrance of any kind which could be caused by the use of the product concerned.

**Considerations**

The data included in this sheet, the application advices and other recommendations are based on extensive research and experience. They are however not binding also in relation to third party liability. They do not protect the customer against checking the products and directions for their suitability for the purpose. The characteristics and properties described are average values and analyses registered at 20°C, variances are tolerated. Our customer service will gladly answer your questions. The rewrite of this sheet replaces all previous sheets.