

Complete system for the immediate finishing of humid and salty walls**Application**

The Rewah range includes a choice of products for the treatment of walls against rising damp. It is well known that these products form an efficient barrier against this phenomenon within 48 to 72 hours. However, the thorough drying of the wall can take up to 12 months and over because all the remaining moisture that was stocked in the wall for years must evaporate. It is currently advised to wait with the final finishing of the walls till they are completely dry. Furthermore, the presence of salts is a secondary phenomenon for most walls that were subjected to rising damp. When the wall is drying, some salts will crystallize and concentrate on the wall surface. Other salts are so-called hygroscopic salts which means that they subtract moisture from the ambient air causing the wall to remain damp at the surface even after a successful treatment against rising damp. In order to allow the user to finish all the walls before they are dry and/or to neutralize the hygroscopic property of the salts, Rewah proposes the **Membrasec Transparant** finishing system.

Properties

The finishing system consists of a 3 mm thick membrane called **Membrasec Transparant**. **Membrasec Transparant** is a synthetic blister padding with a reinforcement mesh. The membrane is imputrescible and resistant to moisture, salts, chemicals, bacteria and fungus. Walls that are covered with **Membrasec Transparant** can be immediately finished with plaster or gypsum boards as a final stage. The membrane is anchored to the walls by means of plugs and can therefore act as a physical shield against residual moisture in the walls. Without any risk of damage, the salts can now crystallize in between the hollow spaces of the blister padding without any problem and **Membrasec Transparant** will insulate them from the ambient air so that they can no longer react hygroscopically.

Directions**Preparation**

The appropriate diagnosis equipment will determine the height up to which the walls contain moisture and/or salts. The **Membrasec Transparant** membrane is applied from floor level to at least 30 cm above the height up to which the walls contain moisture and/or salt. In order to place the **Membrasec Transparant** system, the plastering will be cut off until the bare stone.

Work method

The membrane is applied with the blisters facing the wall and the reinforcement mesh on the outside. **Membrasec Transparant** is attached with the appropriate Membrasec Slagplug. Holes are drilled into the hollow spaces of the blisters having a diameter of 6 mm and a total depth of 55 mm. The holes are drilled with the required gap in between in half-brick bond. The required interspace measures 25 cm for level walls. For uneven walls it is advised to leave 20 cm in between holes. Depending on the case this means that 18 to 32 plugs are needed per square meter. The plug is inserted into the drilled hole and hammered into the wall. If holes can't be drilled in places where water pipes or electric wires are located, we recommend sticking the **Membrasec Transparant** on the surface with a typical putty or mortar glue.

Important remarks

Seams, angles, passages and possible damages are covered with Membrasec Tape. The Membrasec Tape is a self-adhesive butyltape with an adhesive layer and a membrane on which plaster can be applied. Simply remove the protective layer on the adhesive side of the tape and stick it onto the base. As soon as the Membrasec system is applied, the finishing plaster coat can immediately be applied. It goes without saying that with the adhesion method the adhesive must first be sufficiently dry in order to offer the required resistance. Another option is to stick plaster boards onto the membrane.

Technical characteristics

Structure	Height of the blisters	3 mm
	Foil	polyethylene high density
	Tissue	polypropylene
Total weight	ca 500 g/m ²	
Number of blisters	ca 2500/m ²	
Volume between the blisters	ca 1560 cc/m ²	

Colors

Transparant

Quantity to use

1 m²/1 m² (make sure you calculate some margin)

Packaging

roll of 1 m x 30 m (Membrasec slagplug: box of 500 pieces)

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.