

Instructions

Eco-Friendly Methods

Where the floor meets the wall, make a saw cut approx. 15-20 mm deep at 45° direction downwards on all walls to create a reinforced penetration in the corners and edges. The surface must be clean and free from paint, dust, salt, bitumen or any other external chemicals that would restrict adhesion and ingress. Large cracks/defects should be repaired before starting the treatment using MBP as admixture and primer (see MBP instructions). The surface should be moistened 24h before treatment and preferably right before treatment, especially in hot/windy climates. The easiest procedure is to start application towards the incisions and continue with the walls, finishing with the floor and working towards the exit to have a clear walking path during the treatment. Minimum operating temperature 5 Celsius for outdoor applications.

For detailed information, instructions, guarantee, knowledge and safety data sheet

please visit

www.EcoZmart.com

or

Scan this code



Mixing

MBP primer: Clean water mixed with MBP 1:1
Add 1 liter water for every 1 liter MBP.
Consumption: 1 liter diluted MBP 1:1 covers up to 15-25 sqm depending on the substrate.

Waterproofing: Mix 5 liter water, 1 liter MBP with one 25kg bucket. Add slowly to the liquid mixed to a smooth, lump free "custard-like" consistency. More water may be added if needed to accomplish this.

Consumption: one 25kg bucket will be sufficient for 6-8 sqm coverage with a thickness of 5mm depending on the porosity of the substrate.

Floor edges & corners

Same procedure as wall application using step 1-3. The only difference is that these areas have to be applied manually and can be treated in one single application to the thickness required to fully fill the cuts. Make sure the waterproofing flows in deep and completely fills the cut to create a guaranteed waterproofed surface that is leveled with the wall and floor. **Alternative without cutting** (not recommended): Use EcoZmart SideSeal (please visit www.EcoZmart.com or scan the QR code for more information).

Wall

1. Moisten the area prior to treatment as EcoZmart waterproofing reacts directly with moisture.
2. Apply MBP as primer on the surface that is going to be treated. Wait 10-15 min (max 30 min) until the MBP becomes tacky (diluted MBP should not become dry on the applied surface). Easiest procedure would be to treat one area/segment at a time. Only mix EcoZmart waterproofing to the amounts that can be applied within 30 min after mixing (do not reuse the solution after the maximal pot life).
3. Latest 30 min after applying the MBP as primer (climate dependable) :

Aftercare

Make sure there is proper ventilation where the waterproofing has been applied to prevent condensation. EcoZmart system thrives in moist conditions, it is recommended to lightly moist the treated surface daily for 3 days after treatment for best results especially if the treated surface is exposed to windy conditions or temperatures above 25 degrees Celsius. The treated surface can be painted with water-based paint after 24 hours, vinyl & oil-based paint after 6 months. Plaster and self-leveling concrete can be applied on top of the treated surface after just 5 hours by adding MBP as an admixture to the concrete/plaster mix. Without MBP the waiting time is 72 hours (MBP must be used as primer).

Spraying device (minimum 6 bar/90psi): when using a spraying device one application would be enough if a thickness of approx. 5mm can be achieved. Make sure that the total thickness of the applied waterproofing material is as close to 5mm as possible in all areas.

Advantage of using MPB as admixture: The new material in itself will become moist repellent, greatly increasing the tensile strength, crack resistance, and can therefore withstand a decreased minimum thickness build than the minimum recommended by the manufacturer. (see MBP benefits)

Manual application: start with applying one layer of waterproofing with a total layer thickness of 2-3mm. The waterproofing can be applied manually using a trowel or brush. 4-5h later another 2-3 mm layer should be applied preferably using a movement in the opposite direction of the first layer (horizontal or vertical movement). The last application can be troweled to a nice and smooth finish if the area is going to be visible. (possible to achieve a full treatment 4-5mm thickness layer in one application however not recommended)

Safety precautions: Wear protective gloves and goggles/face shield. Use only in well-ventilated areas. Do not breathe dust. Dust irritates the respiratory system, and may cause coughing and difficulties in breathing. May cause chemical burns in mouth, oesophagus and stomach. Risk of serious damage to eyes. Irritating to respiratory system and skin. Avoid contact with skin and eyes. (FIRST-AID MEASURES) SKIN CONTACT: The product contains a small amount of sensitizing substance which may provoke an allergic reaction among sensitive individuals after repeated contact. Kan osaka allergisikt kontakttelem. May cause allergic contact eczema. Wash off promptly and flush contaminated skin with water. Promptly remove clothing if soaked through and flush skin with water. EYE CONTACT: May cause permanent damage if eyes are not immediately irrigated. Get medical attention immediately. Continue to rinse. May cause chemical eye burns. INGESTION Rinse mouth thoroughly. DO NOT induce vomiting. Get medical attention immediately. INHALATION Remove victim immediately from source of exposure. Move into fresh air and keep at rest. Seek medical attention.

(Note: A maximum of 24h can pass between the two manual applications. If the first layer has dried, the application of the second layer must be restarted from step 1. The difference is that the MBP has to be reapplied before the second treatment. In warm, windy and dry climates the recommendation is to start from step 1 if over 12h has passed.)

Floor

Same procedure as wall application using step 1-3. The only difference is if using manual application the floor is less time-consuming than wall application as the floor can be treated in one single application to the thickness of 4-5mm. There is no need for splitting the required thickness into two layers due to gravity.



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