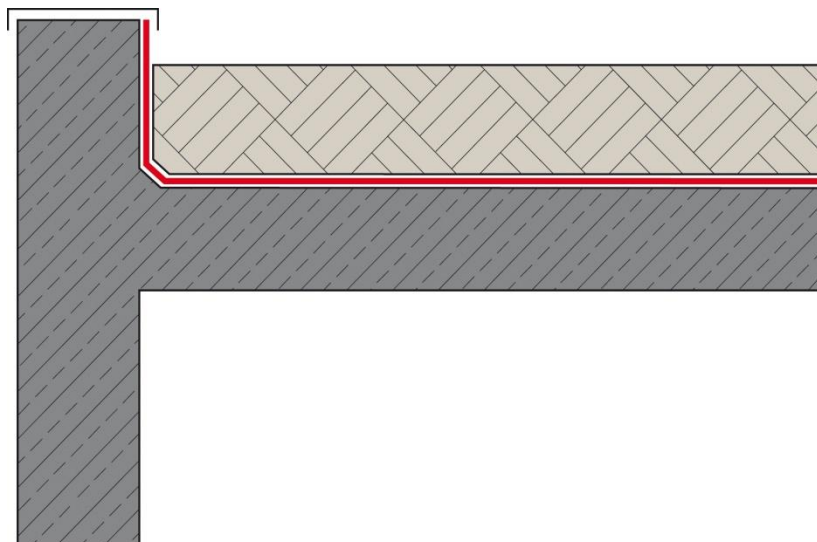


Internal Deck Membrane System



Typical Environment

	Negative pressure	✓
	Positive pressure	✓
	Below ground	✓
	Above ground	✓



1. Surface preparation by suitable mechanical means.
2. Application of Kiesol liquid primer to concrete, applied by high pressure sprayer. (Seek further advice for alternative substrates)
3. Apply surface bond coat of Sulfatex Grout, by slurry brush, to concrete substrates.
4. Install fillet details with additional bandage protection.
5. Apply first application of MB 2K to the whole surface.
6. Apply second application of MB 2K to the whole surface and protect before installation of additional top surface finishes.

System Properties:

- | | |
|--|---|
| <input type="checkbox"/> Solvent and Bitumen free | <input type="checkbox"/> Fast thorough drying and cross linking in under 18h |
| <input type="checkbox"/> WTA compliant | <input type="checkbox"/> Can be walked on and covered after a very short time (≥ 4 h) |
| <input type="checkbox"/> Elastic and crack bridging capability | <input type="checkbox"/> UV, frost and de-icer resistant |
| <input type="checkbox"/> Adheres to most substrates, including metal & plastic | <input type="checkbox"/> Waterproof to negative and positive pressure |
| <input type="checkbox"/> High compressive strength | <input type="checkbox"/> High flexibility |
| <input type="checkbox"/> High tensile adhesion strength | <input type="checkbox"/> Application by trowel, spray, brush or roller |

Suitable for Surfaces

Concrete or cement based screeds	
New and old Bitumen	
Asphalt	
Plastic and metal*	

Internal Deck Membrane System

Item	Operation	Material / m ²
1	Surface Preparation The area must be cleared to allow the system to be installed with appropriate access and conditions. Prepare the substrate by suitable measures, e.g. steel ball jetting or diamond grinding, and remove all contamination, loose and friable materials. The tensile strength of the concrete substrate must be 1.5 N/mm ² on average and have a compressive strength of at least 25 N/mm ² .	
2	Priming Use a high pressure sprayer to apply Kiesol , diluted 1:1 with water, over the entire surface of the matt damp, clean concrete substrate, avoiding excess material that pools or runs off. After a short waiting time (at least 15 min.), work can be continued (Please seek further advice for alternative substrates).	0.2kg/m ²
3	Bonding layer Within the 15-30 minutes open time of the Remmers Kiesol primer, the Remmers Sulfatex Grout bond coat is applied by slurry brush (Concrete substrates only)	2kg/m ²
4	Joint Details As soon as the Sulfatex Grout will not be damaged when worked over, install a fillet detail at all wall to floor joints, by forming a 50mm cove detail using a mortar mix of MB 2K and Selectmix 25 aggregate, at a ratio of 1:2. Install the VF 120 Waterstop bandage bridging any corner and connection joints, with the B200 bandage over any movement joints, by embedding in to an additional contact layer of MB 2K .	
5	Flexible Membrane Apply the first application of Remmers MB 2K to the entire surface, including wall to floor joints and connecting on to any DPC mortar joint details.	2kg/m ²
6	Apply the second application of Remmers MB 2K to the entire surface, as soon as the first will not be damaged when worked over. Once fully cured, ensure that the surface is protected with two layers of polypropylene sheeting before installing insulation and screed surface finishes.	2kg/m ²

Notes: Application rates and coverage are theoretical and do not allow for surface profile variation, wastage or variation in application technique. In the case of high substrate roughness you should allow for additional levelling material to be used. A trial area of the complete system is highly recommended.