

## **Expectations and acceptance criteria for cementitious decorative floor coatings**

**Relevant systems:           ULTRATOP LOFT  
  ULTRATOP**

### **Expectations:**

The Ultratop and Ultratop Loft systems are cementitious solutions in which the combination of selected mineral binders and professional execution result in a unique look.

Ultratop Loft with Ultratop Loft Easycolor (microcement) can be used to produce an aesthetic finish where special color schemes and variation in the texture of the surface of the floor, walls and steps is desirable. Ultratop Loft Easycolor is available in a range of 55 colors and can be mixed with two different bases - natural and white. The microcement is applied in multiple layers by hand, resulting in a unique look depending on the application technique used by a skilled applicator. It is therefore very important that color and appearance are agreed in advance between the end customer and the applicator. We therefore recommend carrying out a demo test area to clarify the demands and wishes. The end customer must also be made aware that there is a certain risk that, because the flooring system is applied by hand, the end result when applied to a large surface will not be 100% identical to a test area.

Ultratop (cementitious floor coating) can be used for aesthetic finishes where a more uniform colour is desired than is provided by the microcement system. However, there will be some variation in colour since the product is based on sand and cement, which are made from natural materials. Ultratop can be applied in thicknesses from 5 to 40 mm, and is available in seven standard colors. Ultratop can be applied to provide three different aesthetic finishes: Natural (mechanically untreated), polished and terrazzo (with naturally colored aggregate). Polished and terrazzo applications are both mechanically treated systems, and may be polished to achieve a high gloss level.

### **Daily use and maintenance:**

All Mapei's cementitious floor coatings should be treated with the final treatments specified in our system datasheets and maintenance forms. If there are holes, cracks and scratches through the final treatment, this must be repaired immediately. Otherwise, the cementitious substrate may absorb water or other liquids, resulting in permanent dark marks in the surface, which may ruin the impression and the appearance of the floor.

We recommend the use of felt pads under chair legs and other movable furniture.

Surfaces should be washed with a cleaning agent that does not leave behind a soapy residue, i.e., the Mapei product Mapefloor Cleaner ED. See also the Management, Operation and Maintenance forms for the various system solutions.

Do not leave wet objects such as flowerpots and cosmetics packaging standing on the floor, as they may leave stains and ring marks. If the flooring system is installed in a room where there is a risk of a high frequency of contact with water, we recommend using Mapefloor Finish 50 N as a topcoat. At least two layers of the topcoat must be applied, giving a wet look to the cementitious coating.

If holes are drilled through the coating, these must be sealed immediately with a suitable sealant that prevents the uptake of moisture in any form.

Movement joints and joints in general must be regularly checked and any damage must be repaired in order not to expose the coating to staining by liquids and chemicals - this may damage the coating and ruin its appearance.

### **Acceptance criteria:**

It is important to be aware of the limitations of this type of product, so that its appearance and function are in line with the end user's and client's expectations. Acceptance criteria for Mapei's decorative cementitious floor coatings include the following:

- The color, structure and surface may vary depending on the application technique, colour choice and geometry of the area. This should have been seen as a characteristic of the products and not a defect. Examples include a small number of pinholes, micro-blisters, micro-scratches, discoloration and roller traces after applying topcoats.
- The choice of final treatment will have consequences for the color and appearance of the product, as well as its resistance to wear, waterproofing, anti-slip properties, and ease of cleaning.
- No final treatment can completely eliminate the risk of visible marks caused by contact with fluids, chemicals or food products.

Mapei recommends that the responsible contractor clarifies the client's expectations and requirements in advance. In the event of any questions, please contact the Mapei Technical Support on [teknisk.support@mapei.no](mailto:teknisk.support@mapei.no)

Documentation:      [Management, Operation and Maintenance form for Ultratop and Ultratop Loft System data sheet for Ultratop Loft System Wall](#)  
[System data sheet for Ultratop Loft System Floor](#)  
[Technical data sheet for Ultratop floor systems](#)

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