

Baunit MultiContact MC 55 W

Natural-white, fibre-reinforced multi-purpose bonding mortar.



- **Multi-purpose contact mortar**
- **Fibre reinforced**
- **For all mineral substrates**

Product Overview

Natural-white, fibre-reinforced multi-purpose bonding mortar. Suitable as a remedying render over existing stable, mineral and synthetic-resin based plasters, renders and paintwork. Also suitable as a keying coat in concrete and insulating boards or as a finish render on concrete formwork and fair faced masonry. System component of Baunit StarSystem Nature.

Use:

- Multi-purpose contact mortar: As a keying coat to prepare smooth concrete to receive standard basecoat and topcoat renders (CS I and CS II).
- As a thin to medium reinforcement layer (with reinforcing mesh) over mineral basecoat renders, synthetic renders, thermal renders and selected render carrier boards.
- Suitable as a topcoat layer over sound mineral substrates (CS II and CS III), concrete, synthetic renders, and stable painted surfaces

Composition

White cement, white lime, lightweight additives and additives to improve workability, adhesion and strength (fibres).

Properties

- Mineral, modified and easy to use contact mortar with a range of uses.
- Good bonding strength, is water vapour permeable and weather resistant..
- For use in external and internal areas.

Application

Baunit MultiContact MC 55 W can be mixed with clean water in a tub to a lump free, smooth consistency with an electric hand mixer. Material which has started setting must not be remixed with water. Mixing with other products (e.g. anti-freeze agents or accelerating agents) is not permitted.

Automated continuous horizontal mixers may also be used. For small areas the contact mortar can be manually applied. For larger areas the freshly mixed mortar can be fed into a mortar pump for spray application. Alternatively, a mortar mixing pump will provide an all-in-one mixing and spraying solution.

Preparation of concrete, render and plaster substrates and remediation: Baunit MultiContact MC 55 W is applied to a thickness of 3 – 5 mm (with embedded Baunit StarTex reinforcing mesh where necessary) and the surface keyed with a brush or plasterer comb.

Reinforcement layer over render coatings and selected render carrier boards: Baunit MultiContact MC 55 W is applied with a stainless steel notched trowel (10 mm notches). Continuous sheets of Baunit StarTex reinforcing mesh are placed onto the contact mortar, free of creases and with 100 mm overlapping edges. A further 1-2mm of contact mortar is applied “wet on wet” over the embedded reinforcing mesh. Excessive trowelling is to be avoided. Trowel lines are to be removed after hardening.

The overall thickness of the reinforcement layer thickness must be from 6 – 8 mm.

When Baunit MultiContact MC 55 W is used as a topcoat it must be finished with a suitable water resistant paint. Protect other materials such as glass, ceramics or metal etc from contamination with appropriate coverings.

Technical Data

fire-resistance class:	A2-s1, d0 according to EN 13501-1
μ-value:	app. 25
thermal coefficient:	≤ 0.89 W/mK for P = 90% tabulated (≤ 0.82 W/mK for P = 50% tabulated)

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consumption	app. 4 - 5 kg/m ² as adhesive (app. 4.5 - 5.5kg/m ² as basecoat)

Delivery Format

25 kg bag, 1 pallet = 42 bags = 1050 kg

Storage

Store in dry conditions and protected on pallets for up to 12 months.

Quality Assurance	Internal quality assurance is provided by the manufacturer's plant.
Subsurface	Suitable substrates include concrete, mixed masonry and lime/lime-cement render. Substrates must be sound, clean, dry, free from frost, dust and efflorescence.
Subsurface Pre-treatment	<p>Basecoat renders should be fully cured. Existing mineral and organic based coatings and paints must be sound and well bonded to the substrate (pull off test and/or cross cut test).</p> <p>Peeling paint, lime wash, grease stains (from shuttering), other contaminants and film forming layers must be removed. Any cracks are to be scraped open with a pointed tool to form a "V" groove. High absorption substrates must be pretreated with Baunit EasyPrimer.</p> <p>Friable basecoats are to be pretreated with a stabiliser such as Baunit MultiPrimer. Algae and mould growth must be removed with Baunit FungoFluid.</p>
Notes and General Informations	<p>The air, material and background temperature must be above +5° C during application and curing.</p> <p>Protect the facade from direct sunlight, rain and strong winds (i.e. with scaffold nets).</p> <p>In hot and/or windy weather dampen the finished work at regular intervals with a water mist sprayer to aid hydration. High air humidity and low temperatures can prolong drying times considerably. Observe the minimum standing time of 1 mm render thickness per day before applying further coatings and finishes.</p>

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