



# Baumit Baumacol FlexUni



<b>Product</b>	Grey, high-flexible, food-safe, water- and frost resistant, synthetic-resin-modified, thixotropic, hydraulic-setting thin-bed adhering mortar with extended laying time. According the quality requirements of EN 12004:2002 – Class C2T.
<b>Application</b>	For laying of any kind of ceramic wall- and floor tiles, mosaic, stoneware. For indoor- and outdoor use. Suitable for application on deformable subsurface and for higher loads.
<b>Technical data</b>	(regarding to standard-condition – Temperature +20 °C and rel. air-humidity 60%)  Consumption: app. 3 kg/m <sup>2</sup> , depending on the tiles Toothed board: 3 6 10 mm Consumption (app.): 1,5 2,5 3,5 kg/m <sup>2</sup> Water demand: app. 6 l/sack 25 kg Waiting time after mixing: app. 15 min Application period: app. 4 h Laying time: > 30 min Correction time: app. 5 min Layer thickness: max. 5 mm
<b>Storage</b>	Can be stored at least 12 months on a wooden grating, film wrapped and at a dry place
<b>Quality assurance</b>	Internal quality assurance by our factory laboratories.
<b>Delivery format</b>	Sack – 25 kg 54 sacks per palette = 1.350 kg
<b>Subsurface</b>	The subsurface has to be hard, solid, free of frost, -dust, -fat and -oil.  <b>Suitable subsurface:</b> Concrete, screeds, gas concrete, clinker, cement- and gypsum plasters, gypsum plasterboards, gypsum wallboards, anhydrite screed, stoneware with a water absorption < 0,5% For living areas and public buildings, terraces, facades, floor heating;  <b>Subsurface suitable to only a limited extend:</b> Swimming pools and water basins.  <b>Not suitable subsurface:</b> Wood, metal, plastics, cement based subsurface before finishing of setting.  <b>Pretreatment:</b> Cleaning and removing of dust, use respective primer: - absorptive subsurface: – Baumit Grund - non-absorptive subsurface – Baumit Supragrund

**Classification according to Chemical Substances Act**

Gather the detailed classification from the Safety Data Sheet (according article 31 and annex II of the regulation No. 1907/2006 of the European Parliament and –Council from 18.12.2006) at [www.baumit.com](http://www.baumit.com) or request the Safety Data Sheet at the respective production plant.

**Processing**

**Recommended tools:**

Slow running electrical stirrer, toothed board, trowel, sponge.  
Toothed board 3 x 3 mm – Mosaic  
Toothed board 6 x 6 mm – Tiles with smooth back side  
Toothed board 10 x 10 mm – Tiles with moulded back side

**Product Preparation:**

Intersperse the sack-content into the respective amount of water and mix it for app. 3min by a slow running stirrer until a homogenous mass is achieved. Stir it again after app. 15min.  
Mixing-ratio: app. 6 l water per sack (25 kg)

**Processing:**

Apply Baumacol FlexUni evenly onto the subsurface by the respective toothed board. (hold the board in an angle of 45°). Use only fresh mixed adhesive and remove adhesive-residues by a sponge.

Recommended adhering area (contact area between subsurface and tiles):

- Indoor > 65%
- Outdoor > 90%

For laying without hollow spaces (e.g. terraces and swimming pools), the combined laying method is to be used (Floating-Buttering). Therefore, the adhesive must be applied onto the backside of the tiles, additionally to the subsurface.

**After treatment:**

Fresh laid areas are to be protected of mechanical- and thermal loads. (laid tiles may neither be walked-on, nor loaded for app. 48 hours)

**Notes and General Information**

Air-, material- and subsurface temperatures have to be higher than +5°C during processing and setting.

Observe standards and guidelines regarding subsurface and tiles. Protect laid areas until complete hardening.

High air humidity and low temperatures extend the drying time, low temperatures accelerate curing- and hardening time.

Never add any additives! Don't wet subsurface and tiles.

The mentioned laying time is to be observed strictly – after exceeding of the mentioned laying time, the adhesive must be removed from the subsurface.

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Written and oral application technology recommendations provided by us to assist the seller/processor are based on our experience and reflect the current state of the art in science and practical application know-how. However, it is understood that these recommendations are non-binding. They do not create any legal relationship or any ancillary obligations in connection with the sale contract. They do not release the buyer from its obligation to verify the fitness of our products for the intended purpose or use by itself.