

# Baumit PowerFlex

Ready-to-use, cement-free and fibre-reinforced organic base coat.



- **High impact resistance**
- **Excellent flexibility**
- **Weather resistant**

**Product Overview** Ready-to-use, cement-free and fibre-reinforced organic basecoat.

**Composition** Organic binders: Sands, Special fibres and additives to improve application and adhesion.

**Properties**

- Water repellent.
- Easy to apply.
- Very good adhesion
- Once dry, weather and frost-resistant.
- High mechanical load-bearing capacity through its content of synthetic, polyamide fibres (System build-up dependent: up to 110 Joule).

**Application** Cement-free reinforcing render to provide a flexible reinforcing coat together with the StarTex reinforcing mesh for the Baumit external wall insulation systems StarTherm, ProTherm and MineralTherm.  
Not suitable as an adhesive for adhering façade insulation boards

**Technical Data**

μ-value:	app. 100
density:	app. 1.8 kg/dm <sup>3</sup>
thermal coefficient:	app. 0.7 W/mK
sd-value:	0.3 m (at 3mm coat thickness)
W-value:	app. 0.05 kg/(m <sup>2</sup> .h <sup>0,5</sup> )

	Baumit PowerFlex 25kg
Grain size	0.1 mm
reinforcement thickness	3 mm

**Delivery Format** 25kg bucket, 1 pallet = 24 buckets = 600kg

**Storage** In unopened buckets, cool but not under + 5 °C. The storage time should not exceed 12 months. Close unsealed packaged immediately after use and, if possible, use within 4 weeks.

**Subsurface** Suitable for insulation boards and mineral substrates such as concrete, brick/block, lime or lime-cement renders, textured renders and paint coats as long as these are firm, load-bearing, clean and dry. Any particles or flaking coats of paint and oily deposits should be completely removed before application.  
PowerFlex is not suitable as a reinforcing coat for Resolution System.

**Processing** Thoroughly mix the material on a slow running mixing machine. Apply using a stainless steel trowel over wrinkle-free StarTex reinforcing mesh that overlaps edges by 10 cm. Embed and smooth off until the StarTex reinforcing mesh is completely embedded. Take particular notice that the mesh is well embedded within the upper third.

**Notes and General Informations**

Do not use over UV damaged insulation boards (requires sanding and removal of dust). Protect from direct sunlight, rain or strong wind (scaffold nets).  
Allow a minimum of 4 to 5 days before applying further coats. A coat of primer is required in certain cases (please seek technical advice).  
Protect neighbouring areas (glass, ceramic, metal etc.). Immediately remove any sprayed material with water. Do not allow to dry.  
Clean tools with water immediately after use.  
Waterproofing/sealing work should be carried out before putting soil back or laying the boards. Not suitable for adhering insulation boards.  
Do not work with the material or let it dry if the substrate and air temperature are below + 5 °C and over + 30 °C. Observe the valid directives, DIN 55699, DIN EN 998-1, DIN 18550, DIN 18350 and DIN 18345 (VOB, Part C) as well as the special terms of the 'general construction authorities' approvals' (abZ).  
If you need further information about this material or its handling, consult with our technical experts about the details and the materials.

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