

Baumit DS 26 Flex



Product:	Baumit DS 26 Flex flexible universal single-component sealant for use as a crack-bridging sealing layer in the base area.	
Use:	<ul style="list-style-type: none">▪ Crack-bridging waterproof coatings for flexible waterproofing against pressurised and non-pressurised water in the base area of a WDV system.▪ Construction sealing as per construction rule list A, part 2, serial no. 2 49 in the respective valid version.▪ To seal balconies and terraces in connection to tiles.▪ Can be handled with brushes, sprays, rolls or spreaders.	
Properties:	<ul style="list-style-type: none">▪ Checked as per the testing provisions.▪ To grant a general construction supervisory certificate (ABP) in conjunction with ceramic coverings in June 2009, as well as in accordance with test principles for waterproofing with mineral and flexible sealing coatings.▪ Machine-usable (sprayable) sealing coating.▪ Hardens without cracks.▪ Resistant against aggressive concrete influences as per DIN 4030.▪ Waterproof, vapour permeable, crack-bridging, ageing, weathering and frost-resistant after hardening.	
Yield / Consumption:	Water consumption:	5.0 – 6.0 l/bag with a paintable consistency. 4.5 – 5.0 l/bag with a spatula-capable consistency.
	Yield:	approx. 17 l/bag
	Material consumption per m ² :	approx. 2.4 kg/m ² /mm
	Minimum coating thickness:	
	- Forced water:	2.5 mm dry layer thickness, 3x coating 2.0 mm, dry layer thickness, 2x coating
	- Non-forced water:	1.0 mm dry layer thickness, double-coating.
	Plaster sealing:	5 mm
	Maximum coating thickness:	
Technical Data:	Approval:	ABP: Test certificate number:P-5342/082/08 MPA-BS
	Adhesion to concrete:	B2, as per DIN 4102-1
	μ value:	approx.500
	sd-value (at 2 mm):	approx. 1m
	Maturing time:	3 minutes
	Handling time:	approx. 1 hour
	Reworkable:	approx. 3 hours
	Can be tiled:	approx. 1 day
	Water loads after:	at least 7 days

One can call up the performance declaration at www.dopcap.eu by entering the ID code.

Components: Sand, cement as well as additives for better handling, flexibility, adhesion and seal.

Base: The base must be solid, crack-free, load-bearing, even as much as possible, absorbent and clean. Loose parts and hollow areas as well as flaking paint, old adhesives, oil and grease must be removed. Concrete surfaces (free of voids and rock pockets) can be directly coated. Throats and edges, burs, rodel wires, spacers (metal), etc. should be capped about 2 cm deep and such voids filled prior to coating. Pre-wet surfaces so that they are slightly damp at the time of applying Baunit DS 26 Flex.

Substrate: The substrate must be clean, dry, frost-proof, dust-free, not water repellent, free from efflorescence and free from loose particles. The substrate must be prepared according to the Austrian standard B6410 and the evenness of the wall must comply with Austrian standard DIN 18202.

Handling: Mix Baunit DS 26 Flex into clean water without special additives. Slowly add about 2/3 of the needed water into the dry mortar. Form Baunit DS 26 Flex into a lump-free, smooth mud, and then set to a working consistency. The mixed product should be handled within one hour. Already set material cannot be made to work again by adding water or mixed again. If the consistency can be used for painting, the mortar should be applied with a brick swab, a moderately hard brush or an appropriate spray device; if the consistency can be applied with a scraper, apply with the scraper, smoother or trowel. The coating can be done in two to three operations. The second coating can be made as soon as the first coating is dried through, as this is not damaged by the second coating.

Application as waterproofing:

Baunit DS 26 Flex must be dry before applying protective layers or before filling the soil (1-3 days, depending upon temperatures and humidity). When filling, ensure that no water-binding soil (clay) abuts the sealing surface. With this type of soil quality, add water-permeable filler material in layers before sealing to an approximately 50 cm wide area.

When coating, the filler must be sufficiently bound and sufficiently protected (protection, drainage boards, etc.). Avoid point and linear loads.

For applications with forced water as per DIN 18195-7, the minimum drying layer thickness must be 2.5 mm. For this, the sealing mud must be applied in at least three layers. Wall and floor connections as well as corners must be professionally applied with suitable sealing strips.

Notes and General Information: Protect against strong sunlight, such as through curtains. If there is fast drying (wind, sun), re-wet once or several times.

Adhere to a drying time of at least 1 day per mm plaster thickness before every additional coat.

If a render coating or mortar is planned before coating, the second layer of the still-fresh mud should be applied with a sprayer, or an adhesive bridge on the surfaces, such as HaftMörtel HM 50.

Do not work with the material or let it dry if the base material and air temperature under + 5 °C and over + 25 °C. The ZDB leaflet, "Composite Seals," January 2010, the instructions for executing liquid composite seals, the guidelines of "Facade base plaster/outside facilities," DIN 18195, DIN 18550 and DIN 18336 (VOB, Part C) as well as the special terms of the "general construction authorities' approvals" (abZ) must be observed.

If you need further information about this material or its handling, consult with our outside service experts about the details and the materials.

Packaging Paper bags, bag contents 20 kg, (48 bags per pallet = 960 kg).

Storage: Dry and protected, the storage time should not exceed 6 months.

Quality Assurance: Constant monitoring and control of the quality, and strict receiving inspections of all raw materials. The company has a TUV-tested and certified quality management system in adherence to the global DIN EN ISO 9001 standard, as well as a TUV-tested and certified environmental management system in adherence to the valid DIN EN ISO 14001 standard.

Our recommendations for applications which we give to support the purchasers/handlers from our experience, corresponds to current science and practice. The advice is non-binding, and forms no contractual, legal relationship and no additional obligations in the purchase contract. The advice does not release the purchaser from examining our products for their suitability for their foreseen uses. The general rules of construction equipment must be adhered to. We reserve the right to make changes which serve to provide technical progress and improve the product or its use. When such technical information appears, earlier information is no longer valid. You can find the most current information on our Internet pages. Only our current sales and supply conditions as well as provisions for the placement and use of our silos and mixing facilities apply for all business cases.

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