

Briplast Planofill 1875



Synthetic resin modified gypsum filler material, very fine-grained, white, good filling power, for interior use



Field of application

For filling holes and cracks, joining prefabricated concrete part ceilings or larger recesses in indoor ceiling and wall areas. Also suitable for smoothing and full-surface filling of unevenly troweled, rubbed or felted plaster surfaces, plaster board and plastered surfaces with cavities. Also suitable for installing gypsum boards and for filling gypsum plasterboards installed in accordance with DIN 18181. Especially suitable as a joint filling material for gypsum panels without a jointing profile border as described in EN 13963 Type 4B. Observe the "Filling gypsum plasterboards" instructions below Notes. Can be used directly on concrete, interior plaster (compressive strength class CS I–CS IV and B1–B7, compressive strength > 1.5 N/mm²) and brickwork, among other materials.

Properties

- Highly modified synthetic resin
- Synthetic-gypsum-based filler in powder form
- Gypsum dry mortar for plaster with increased surface hardness in accordance with EN 13279-1 B7/50/6
- very low emissions
- Very fine-grained
- Fiber-reinforced
- Easy to stir
- Strong adhesion
- Stable
- Excellent filling power
- Can also be applied several centimeters thick
- Can be stripped back to zero
- Water-vapor-permeable
- Easy to sand after drying
- Can easily be applied and smoothed by hand
- Can be recoated
- For indoor use

Material description

Color shade	White
Base material	Gypsum with redispersible plastics
Bulk density	Approx. 0.9 g/cm ³
Packaging	15 kg sacks

Use

Mixing ratio	Add 2.4–2.5 parts by weight of Briplast Planofill 1875 to 1 part by weight of water. Ensure thorough mixing to avoid any lumps.
Added water	Approx. 6–6.5 liters of water per 15 kg sack.
Mixing	Add cold water to a clean mixing container, then add Briplast Planofill 1875 in the specified mixing ratio while constantly stirring and mix to a paste-like, homogeneous and lump-free mass. For mixing, we recommend using a powerful agitator (min. 900 watts) with approx. 600–1,000 rpm and a right-hand spiral stirring rod (plaster stirring rod). Only mix as much material as can be applied within the open time.
Compatibility	Do not mix with other types of materials.
Application	Consider dampening the substrate before application. Apply and smooth Briplast Planofill 1875 with a rust-free filler knife or a stainless-steel smoothing trowel. To create smooth surfaces, evenly dampen the filled surface with a sponge board after binding and then create a sharp edge with a stainless-steel smoothing trowel.
Pot life (at +18°C)	The mixed filler material can be used for approx. 45 minutes. Do not stir, dilute or apply material that is curing.
Consumption	Approx. 1.0 kg/m ² of dry powder per mm layer thickness depending on the roughness of the substrate. Determine the exact consumption by means of a test application on the object to be coated.
Application temperature	Do not apply if air or object temperature is below +5°C. High temperatures reduce the application time.
Tool cleaning	Clean tools with water immediately after use.

Drying (+20°C, 65% relative humidity)

Drying time depends on layer thickness: 2–24 hours Dry once the surface has an even, white color. Thinner layers (up to approx. 1 mm) can generally be recoated after drying overnight. Allow longer drying times if the layers are thicker, the temperature is lower and/or the humidity is higher.

Storage

Store in a cool, dry location, protected against dampness. Seal the opened sack immediately and use the contents as soon as possible. The unopened sacks can be stored for 1 year.

Declaration

Product code CP1
Comply with the specifications in the current safety data sheet.

Coating build-up

Substrate preparation The substrate must be solid, dry, clean, load-bearing, dimensionally stable, free from efflorescence, sinter layers, separating agents, corrosion-promoting components or other intermediate layers affecting the adhesion. Check the suitability, load-bearing capacity and adhesive properties of existing coatings. Completely remove defective and unsuitable coatings (e.g. elastic or paint-like coatings) as well as wall coverings, incl. any paste residue and paper waste and dispose of them in accordance with the applicable regulations. Thoroughly rinse off reversible, water-sensitive coats (e.g. distemper). Treat replastered areas with a fluorine primer. Sand down and clean smooth, dense substrates. Prime the substrate in accordance with the specific requirements. Create test areas as needed. Observe VOB Part C, DIN 18363, Paragraph 3.

Partial area and full-surface filling, indoors ¹⁾

Substrates	Prime coat	Filling	Top coat ²⁾
Load-bearing mineral substrates with sufficient absorbency and roughness	Normally not required	Briplast Planofill 1875	Depending on the selection within the system build-up with emulsion paints, plastic materials, CreaGlas Fabric and other wall coverings
Smooth and dense substrates, e.g. smooth concrete and emulsion coatings	Multi Floor Primer LF 3084, unthinned		

¹⁾ When filling small areas, the prime coat of the respective substrate is to be coordinated to the selected top coat. Follow the instructions in the respective data sheet.

²⁾ Depending on the final coating, select the correct primer for the system, which can also be used for plaster surfaces in mortar group PIV.

Notes

Cover surfaces Cover surrounding surfaces such as plastics, glass, metal and wood as well as plants.

Patch filling When filling patches, observe the different absorbency and possibly alkalinity of the substrate for subsequent coatings.

Filling gypsum plasterboards Briplast Planofill 1875 is suitable for filling gypsum plasterboards in surface quality categories Q1 and Q2 as well as for full-surface filling with layer thicknesses greater than 1 mm. Depending on the plasterboard edge and structure, consider additionally adding Gap Cover Strips 1592. Observe data sheet 2 "Filling gypsum plasterboards in surface quality" ("*Verspachtelung von Gipsplatten Oberflächengütern*", only available in German) from the German Trade Association of the Gypsum Plasterboard Industry (*Bundesverband der Gipsindustrie e.V.*).

Smoothing and closing through filling work As opposed to traditional plastering, for filling work, it is not possible to even out substrate tolerances of several millimeters. Through filling, pores and recesses in the substrate can be closed and evened out. Flat surfaces cannot be created in this way.

Further information Follow the instructions in the data sheets of the products used.

Remark

This data sheet is based on extensive development work and years of practical experience. The translation corresponds to the current German version, in compliance with the German laws, regulations, standards and guidelines. Its content does not constitute a contractual legal relationship. The user/buyer is not released from the responsibility of checking our products to ensure they are suitable for the intended application. In addition, our general terms of business apply.

When a new version of this data sheet with updated information is published, the previous version no longer applies. The current version is available on our website.

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