

PRODUCT DATA SHEET Casonic® Fuge & Fläche



Lightweight one-coat joint filler and finish for plasterboard.
 With or without joint tapes.
 Ideal for small jointing jobs requiring up to 50 min working time.
 Easy to mix, apply and sand.
 Low shrinkage.
 Excellent workability.
 Provides maximum coverage for the most cost-effective solution.

As at 05.2021

Material No.	295	294
Paperbag with moisture protection	25 kg	5 kg
Pallet	(40 bags) 1,000 kg	(120 bags) 600 kg

TECHNICAL DATA

Compliance	EN 13963
Type	Jointing material, type 3B/4B
Reaction to fire	Class A1, noncombustible
Thermal conductivity λ_{23-50} (W/mK)	0.32
Gypsum binder content (%)	≥ 82
Setting (powder)	Dual-purpose compound (type 3B) Tapeless jointing compound (type 4B)
Flexural strength (N/mm ²)	≥ 4.0
Compressive strength (N/mm ²)	≥ 8.0
Adhesive strength (N/mm ²)	> 0.6
Layer thickness (mm)	up to 4*
Wet mortar yield (l/t), approx.	1,250
Water requirement	1.6 kg to 1 l clean water
Setting time (h:min)	0:50
Shelf life	9 months, dry on pallets

* As a general rule for fillers, a closed ≥ 1 mm thickness of the filler layer should be present for a successful tape tear-off test.

COVERAGE

Material requirements	Layers of board	Consumption (kg/m ²), approx.	Yield (m ² /25 kg bag)
as joint filler	Ceiling, single	0.3	83
	Ceiling, double	0.5	50
	Wall, single	0.5	50
	Wall, double	0.8	31
as smoother	1 mm thickness	0.8	31

These quantities should be used as a guide only – quantities used will vary depending on tools used and accuracy of board alignment.

All values can deviate depending on background, ambient temperature and working conditions.

PRODUCT DATA SHEET

Casonic® Fuge & Fläche

Introduction

Casonic Fuge & Fläche is a lightweight plasterboard joint filler and finish, formulated for easy mixing and sanding, and consistent setting time. May also be used for many other internal adhesive and filling applications. Casonic Fuge & Fläche is used for all stages of plasterboard jointing, for pre-filling gaps and holes and for fixing of beads. It has very low shrinkage, allowing a finished joint to be achieved in one application. Note that it should not be used over an earlier coat of an air-drying product.

Background preparation

Plasterboard surfaces should be reasonably dry, clean and protected from the weather. Boards should be securely fixed with no steps between adjacent boards. The correct fixings must be used and properly located with their heads just below the liner surface. Any protruding screw heads should be driven home with a hand screwdriver, prior to spotting and jointing. Gaps between boards greater than 3 mm should be pre-filled prior to taping with jointing tape.

NOTE GUIDELINES OF THE MANUFACTURER OF PLASTER-BOARDS!

Effect of temperature

Ambient and background temperature must be maintained above 10 °C until fully dry. Dry, bagged product is not affected by low temperatures. Once fully set and dry, Casonic Fuge & Fläche is only suitable for situations where the temperature does not exceed 49 °C.

Effect of condensation and other moisture

Casonic Fuge & Fläche should be protected from continuous exposure to moisture. Prolonged or repeated exposure to moisture may cause a loss of strength and/or adhesion.

Application

For joint filling (without tape), add 1.6 kg Casonic Fuge & Fläche to 1 l clean water and let it soak for 2 – 4 minutes. Mix until stiff. Do not add more material (lumps may form). Fill joints and strip

closely. Apply over screw heads. Remove any filler residue after drying. Apply more fresh filler material broadly and without seams. Grind down any irregularities after the material has dried fully. Clean all containers and tools with water immediately after use.

Setting time

Casonic Fuge & Fläche is workable for approx. 50 minutes, and sets gradually. Setting times vary slightly with changes in ambient temperature and water content. Full strength is only achieved when the product is completely dry, hence adequate ventilation must be provided, particularly where other wet materials are also present.

Finishing

After the finishing coat has dried, sand lightly to remove trowel marks, etc. Apply drywall primer to the whole surface to prepare the surface for painting. Apply decoration with the minimum of delay after drywall primer has dried. Note that, as with all wall and ceiling areas, gloss or high-sheen finishes will highlight any variations of the surface, particularly with shallow-angle lighting. The use of low-sheen or matt finishes minimises this risk. Jointing should be carried out under similar lighting conditions to those used for subsequent inspection and use.

CONSULT THE WALLCOVERING AND/OR ADHESIVE MANUFACTURER FOR A SPECIFIC RECOMMENDATION!

Storage

Bags should be stored dry, as absorption of water shortens the setting time, causes set lumps to form in the bags and may reduce the strength of the set product. If storing on a concrete floor, dry timber platforms should be provided.

Hazards identification

Product is not subject to specific labelling under current EU regulations (CLP/GHS). Note Casonic Safety Data Sheet.