

PRODUCT DATA SHEET Casonic® Ansetzgips



Multi-purpose gypsum based adhesiv.
For direct bonding of thermal/acoustic insulation composite panels and plasterboards.
Not for moisture-resistant or vapour check boards.

Stand: 08.2019

Material No.	403	412
Paperbag with moisture protection	25 kg	25 kg
Pallet	(24 bags) 600 kg	(40 bags) 1,000 kg

TECHNICAL DATA

Compliance	EN 14496
Type	Gypsum binder
Reaction to fire	Class A1, noncombustible
Thermal conductivity λ_{23-50} (W/mK)	0.41
Water absorption capacity	- (no requirement)
Gypsum binder content (%)	≥ 90
Flexural strength (N/mm ²)	≥ 2.5
Compressive strength (N/mm ²)	≥ 6.0
Adhesive strength (N/mm ²)	> 0.06
Wet mortar yield (l/t), approx.	950
Water requirement	15 l (25 kg bag)
Dry lining (kg/m ²), approx.	5
Yield (m ² plasterboard/bag)	5
Setting time (h:min)	0:50
Shelf life	6 months, dry on pallets

Preparation and application: See Introduction. Area of application: For all kinds of suitable backgrounds according to EN 13914-2, also in domestic kitchens and bathrooms.

Introduction

Casonic Plasterboard Adhesive is a gypsum based adhesive which is composed of gypsum plasters defined in EN 13279-1 and of additives. Casonic Plasterboard Adhesive is used for fixing to walls and partitions, gypsum plasterboard thermal/acoustic insulation composite panels according to EN 13950, gypsum plasterboard linings according to EN 520 and other suitable products as reprocessed boards according to EN 14190 and cornices according to EN 14209.

They assist in the construction of systems which provide thermal and acoustic performance. May also be used for many other internal adhesive and filling applications. Casonic Plasterboard Adhesive is used to bond a range of plasterboards to many different types of background surfaces, providing a smooth crack free surface with a small cavity allowing for electrical cables and small pipes. It is not suitable for substrates exposed to moisture or for fixing plasterboards to ceilings.

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

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Background preparation

Surfaces should be reasonably dry (concrete: residual moisture ≤ 3 mass -%), clean and protected from the weather, and suitable for the chosen specification. In addition, before work on concrete backgrounds, ensure that any mould oil or other agents present are removed from the surface. Normal concrete should be given sufficient time to mature before applying the plaster. Plaster should not be applied onto a background where any free water is visible. In-situ or pre-cast concrete which is exceptionally smooth will require pre-treatment with Casonic Betonkontakt (concrete bonding agent). In addition, some masonry backgrounds of exceptionally high suction may require pre-treatment with Casonic Aufbrennsperre (bonding agent by suction control).

Effect of temperature

Casonic Plasterboard Adhesive is unsuitable for use in areas subject to continuously damp or humid conditions and must not be used to isolate dampness. Temperatures should be maintained at or above 5 °C until thoroughly dry. Once fully set and dry, Casonic Plasterboard Adhesive is only suitable for situations where the temperature does not exceed 49 °C.

Application

When preparing Casonic Plasterboard Adhesive, ensure product is mixed with clean water using clean containers and tools. Contamination from previous mixes can shorten the setting time and in turn reduce the strength of the adhesive when set. Add 25 kg Casonic Plasterboard Adhesive to 15 l of clean water, let it soak briefly and then mix into a smooth consistency. For best results use a power mixing tool at low speed (not exceed 200 rpm). Setting time after adding plaster: 50 minutes (depending on the background).

Commence drylining from a window or door reveal or interior angle. Trowel apply adhesive to form dabs 50 mm – 80 mm wide and about 250 mm long. Position dabs in 3 – 4 vertical rows to receive the first board. Apply dabs with distance at floor (10 mm minimum) and ceiling (5 mm minimum). Position the plasterboard in place, tapping the board back firmly using a straight-edge until it aligns with the ceiling and floor

chalk lines. For uneven backgrounds (more than 20 mm, e.g. old masonry), first apply strips (approx. 10 cm wide) with dabs directly on the background, then apply Casonic Plasterboard Adhesive thinly to the strips.

NOTE GUIDELINES OF THE MANUFACTURER OF PLASTER-BOARDS!

Provide sufficient cross-ventilation after completion in order to extract excess moisture. Clean all containers and tools with water immediately after use. Tools should be washed with clean water, directly after use. Do not mix with other materials like sand, cement, limestone etc.

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 binder. If storing on a concrete floor, dry timber platforms should be provided.

Information on ingredients

General composition: Calcium sulphate hemihydrate. Natural constituents may include clay, limestone and minor amounts of quartz. Additives may include minor amounts (less than 1%) of hydrated lime. Also contains perlite aggregate.

Hazards identification

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