

PRODUCT DATA SHEET Casonic® Bau- und Elektrikergips



Fast-setting gypsum binder

To be used by hand in assembly and installation work

Particularly for fixing connector sockets and beads, cables and lines

For filling holes, slots and cracks

Stand: 08.2019

Material No.	Paperbag with moisture protection	Pallet
114	25 kg	(24 bags) 600 kg
149	25 kg	(40 bags) 1,000 kg
148	10 kg	(60 bags) 600 kg
142	5 kg	(120 bags) 600 kg
151	1.5 kg	(480 bags) 720 kg

TECHNICAL DATA

Compliance	EN 13279-1
Type	Gypsum binder A/A1 – A3
Reaction to fire	Class A1, noncombustible
Thermal conductivity λ_{23-50} (W/mK)	0.36
Gypsum binder content (%)	≥ 90
Initial setting time (min)	8 – 13
End of setting (min)	18 – 25
Flexural strength (N/mm ²)	≥ 2.5
Compressive strength (N/mm ²)	≥ 6.0
Shelf life	12 months, dry on pallets

Preparation and application

EN 13914-2 Design, preparation and application of external rendering and internal plastering – Part 2: Internal plastering.

Area of application

For all kinds of suitable backgrounds according to EN 13914-2, also in domestic kitchens and bathrooms.

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

PRODUCT DATA SHEET

Casonic® Bau- und Elektrikergips

Introduction

Casonic Bau- und Elektrikergips is a fast-setting gypsum binder to be used by hand in assembly and installation work, particularly for setting connector sockets, cables and lines as well as filling holes, slots and cracks. Suitable for fixing flush-mounting, corner and beads. Can also be used to even out irregularities, patch up edges, model and form.

Background preparation

Surfaces should be reasonably dry, clean and protected from the weather, and suitable for the chosen specification. Some masonry backgrounds of exceptionally high suction may require pre-treatment with Casonic Aufbrennsperre (bonding agent by suction control).

Effect of temperature

Casonic Bau- und Elektrikergips is not suitable for plastering onto frozen backgrounds. Site temperature must be maintained above 5 °C until thoroughly dry. It may be used under those conditions provided that, after plastering, the surfaces are adequately protected from freezing. Once fully set and dry, Casonic Bau- und Elektrikergips is only suitable for situations where the temperature does not exceed 49 °C. Dry, bagged plaster is not affected by low temperatures. During the application of gypsum plasters in hot and/or dry conditions, care should be taken to ensure that rapid loss of water is avoided. Gypsum plasters require a proportion of the mixing water in order to set and achieve full strength. If the water is dried off too rapidly, the strength of the plaster will be impaired.

Application

Add 2 parts Casonic Bau- und Elektrikergips to 1 part clean water and let it soak for 2 – 4 minutes. Mix until stiff. Do not add more material (lumps may form). Processing time after adding plaster: 20 minutes (depending on the background). Apply by means of a plaster spatula or scoop within 8 minutes of adding the plaster to the water. When evening out irregularities before drying, use a moist sponge for smoothing. After-treatments, e.g. coating, only after everything is completely dry. Clean all containers and tools with water immediately after use.

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 plasterwork. 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.

Hazards identification

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