

CE 86 - POWDERED PLASTERBOARD FILLER



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1. DATA AND DOCUMENTATION

Code	Description	Dimensions (mm)	Colour	Packaging	Pkg / Pallet
TER15-1879	Ce 86 - Powder Putty - 5 kg	5 kg	White	1 pc.	160 pcs.
TER15-1880	Ce 86 - Powder Putty - 15 kg	15 kg	White	1 pc.	60 pcs.

MATERIAL

Made from gypsum-based powder, calcium carbonate, resins and various additives. White colour.

USE

High-quality powdered filler, particularly suitable for treating Tape-Free joints between gypsum plasterboards with rounded edges.

TECHNICAL FEATURES

Setting time: depending on different environmental conditions, per cm thickness, CE 86 is dry after 4-6 hours.

PERMISSIBLE MEDIA

Any type of interior substrate: plaster, plasterboard, concrete, aerated concrete, bricks and more

Standard UNI 11424 on the Installation of Drywall Systems, in its paragraph on surface quality, establishes four levels of joint filling and finishing of gypsum plasterboard surfaces, to be carried out prior to the application of specific final decorative solutions. The classification of the quality level of wall and ceiling surfaces varies according to the final decorative solution to be applied, but may also depend on the position within the building or the light exposure of the surface itself.

QUALITY LEVEL

Q1-Q2-Q3-Q4

CE 86 - POWDERED PLASTERBOARD FILLER

2. INSTALLATION

MEDIA PREPARATION

Apply a first coat filling the joint deeply give a second coat after 1 hour 30 to smooth and finish the joint.

FILLING, ASSEMBLING, SEALING

Dilute with 45% water: 2.2 to 2.31 l water per 5 kg bag, or 11 to 11.5 l water per 25 kg bag. Open cracks or crevices by smoothing them out. Apply with a hasty or putty knife.

Completely fill the part to be covered and smooth carefully. Use

time: 45 min.

Hardening: approx. 1 hour

LAYING ADVICE

Give the CE 86 mixture the consistency of a putty, to limit shrinkage in the case of a considerable thickness.

3. PRECAUTIONS FOR USE

- The temperature during application and drying must be between 5 and 30°C .
- DO NOT apply on damp substrate
- DO NOT use paste that has already begun to harden

4. CONSUMPTION AND DRYING

MIXTURE RATIO

2.5 to 3 litres of water per 5 kg bag, depending on the work to be done

CONSUMPTION

For smoothing (finishing) : 0.4

kg/sqm For filling : 0.3 to 0.4

kg/sqm DRYING TIME

It depends very much on the ambient conditions, the substrate and the thickness applied. In general, for each cm of thickness, CE 86 is dry after approx. 4-6 hours.

5. SPECIFICATION ITEMS

Entry	Description	Unit	Price
Dak.D.TER15.1879	Supply and installation of SEMIN CE86 powder grout Available in white. Made of powder based on gypsum, calcium carbonate, resins and various additives. Particularly suitable for treating joints WITHOUT tape between plasterboard panels with rounded edges. Supplied in 5kg bags.	pc.	-
Dak.D.TER15.1880	Supply and installation of SEMIN CE86 powder grout Available in white. Made of powder based on gypsum, calcium carbonate, resins and various additives. Particularly suitable for treating joints WITHOUT tape between plasterboard panels with rounded edges. Supplied in 15kg bags.	pc.	-

STUCCO QUALITY STANDARDS

REFERENCE STANDARD

Standard UNI 11424 on the Installation of Drywall Systems, in its paragraph on surface quality, establishes four levels of joint filling and finishing of gypsum plasterboard surfaces, to be carried out prior to the application of specific final decorative solutions. The classification of the surface quality level of walls and ceilings varies depending on the final decorative solution to be applied, but may also depend on the position within the building or the exposure of the surface to light.

QUALITY LEVEL	DESCRIPTION
LEVEL 1	<p>The basic filling of the joint between the coated gypsum plasterboards (Q1 level) is sufficient for surfaces that do not have to meet decorative finishing requirements.</p> <p>The realisation of the joint according to Q1 level includes:</p> <ul style="list-style-type: none"> > filling the joint between coated plasterboards > covering the visible part of the fasteners (screws) <p>Excess grout should be removed, surface imperfections such as trowel marks, grooves and ridges are permitted. iBasic filler includes reinforcing tape, which is used to cover and reinforce the joint surface, provided this is required by the chosen grouting system (grout, type of slab edge).</p>
LEVEL 2	<p>Joint filling and finishing according to quality level 2 (Q2) meets the standard requirements for slab walls and ceilings.</p> <p>The main objective of this quality level is flatness between the surface of the joint and that of the slab, so as to provide continuity between the two surfaces. the same criteria also apply to fasteners, corners to shoulders and connecting elements.</p> <p>Joint filling and finishing according to level q2 include:</p> <ul style="list-style-type: none"> • the basic filling (q1) • a finish that provides a continuous transition between joint and slab, including sanding the joint if necessary. trowel marks or ridges cannot be totally avoided. <p>This type of surface is suitable for example for:</p> <ul style="list-style-type: none"> • moderately smooth or rough wall coverings, e.g. coloured wallpaper or standard wallpaper • opaque, opaque coatings/paintings with a medium and rough finish, applied by sponge or roller • finish coatings (particle size > 1 mm) as recommended by the manufacturer for the specific system in slabs
LEVEL 3	<p>Joint filling and finishing according to quality level 3 (Q3) generally includes:</p> <ul style="list-style-type: none"> • joint filling and finishing according to Q2 level, plus: • wider grouting band and execution of a thin skim coat over the entire surface of the slab, in order to close the pores of the paper and even out the absorption. <p>Ridges and furrows are not permitted.</p> <p>Even in this case, slight marks will remain visible under the effect of grazing light and cannot be totally eliminated, however, the relevance and size of these marks are reduced compared to the Q2 level.</p> <p>This type of surface finish is suitable for e.g.:</p> <ul style="list-style-type: none"> • fine-grained coatings • coatings / matt and fine paints • finishing coatings (with 'particle size' less than 1 mm)
LEVEL 4	<p>Quality level 4 includes:</p> <ul style="list-style-type: none"> • joint filling and finishing according to Q2 level, plus: • Complete shaving of the slab surface with a suitable material (minimum thickness >1 mm). This type of surface finish is suitable for: • smooth or glossy wall coverings, such as metal or vinyl-based wallpaper • sponges, varnishes or medium-gloss finishing coats • special coatings, marmorino, stucco or specialised decorative finishes. <p>Thick skimming meets the highest finishing requirements, according to this level of quality it must minimise the presence of any marks or traces on the wall surface and joints. undesired effects of light (grazing light) on the appearance of the finished surface, such as changing shadows or small localised marks, must be avoided to a great extent.</p> <p>However, these undesirable effects cannot be totally eliminated because natural light, in particular, can vary and its effect is difficult to predict. In principle, the expected light conditions must be planned before starting the smoothing work. even better if these conditions are already present at the time of smoothing. in addition to this, the limits resulting from manual work on the building site must be taken into consideration.</p> <p>Depending on the site, it is recommended to carry out a study or test area of the q4 surface of sufficient size under final lighting conditions. this work must be requested and paid for separately by the customer.</p> <p>In specific cases, it may be necessary to perform additional procedures for pre-treatment of the wall surface, e.g.:</p> <ul style="list-style-type: none"> • glossy coatings • enamel coatings • glossy wallpapers