

# CEMIMAX Level Expert G22 Hybrid

universally applicable, self-smoothing and leveling as well as low-stressfiller based on calcium sulfa

## Description:

G22 is a modern and contemporary filler and leveling compound based on calcium sulfate and polymer. G 22 is developed for experienced commercial contractors to smooth and level large areas in private living areas, public and commercial areas. After drying, the surface is suitable for laying elastic and textile floor coverings and many other coverings.

## Product properties/areas of application:

- Plastic dry mortar with fine-grained fillers.
- When mixed with water, this results in a hydraulically hardening filler with very good flow properties and high layer thicknesses of up to 50 mm.
- Almost tension-free.
- Good flow, very smooth surface, excellent surface for absorbing floor coverings.
- Fast drying process.
- High compressive and bending tensile strengths.
- High demands in living areas, commercial areas and industrial use.
- Suitable for underfloor heating / heated and cooled surfaces.
- Suitable for the use of chair castors according to DIN EN 12529 from 1 mm.

## Composition:

Special binders, mineral fillers/aggregates, polyvinyl acetate copolymers, flow agents and additives.

- super smooth - great flow - no grinding required
- Versatile - apply 1 mm to 50 mm in one application
- Fast curing - can be walked on after 2-3 hours
- with  $\leq 3$  mm layer thickness ready for covering after approx. 20 hours
- superior flow properties - quick and easy to use
- flexible - smoothing, squeegee or pumping
- GISCDE CP 1 for filler based on calcium sulfate
- RAL U113 - environmentally friendly because of low emissions

## Technical Data:

### Compressive Strength

After 28 days about 30 MPa (C 30)

### Bending tensile strength

After 28 days about 7 MPa (F7)

CT-C35-F7 according to EN 13813

Color: Color white

Water/mixing ratio: 0.22/1 = 5.5 liters/25 kg

Processing time: approx. 30 minutes

Package size: 25 kg/bag

Shelf life: at least 12 months

Consumption: approx. 1.5 kg powder/mm<sup>2</sup>

Fire class: A1fl-s1 according to DIN EN 13501-1

Thickness: G 22 can be applied in a layer thickness of 1 mm to 50 mm.

- Loose or unstable zones must be removed mechanically and the surface thoroughly cleaned using a powerful industrial vacuum cleaner.
- Suitable on mineral substrates, mastic asphalt screed, wood-based panels, ceramics, natural stone, terrazzo and dry screeds.
- Depending on the type and condition of the substrate, apply a suitable primer (DP 60, DP 80 or DP 400) according to the manufacturer's instructions and let it dry / harden.

## Application:

- Put 5.5 liters of cold, clean water in a clean container. Sprinkle in the contents of the sack (25 kg) with rapid stirring and stir into a viscous liquid until a homogeneous and lump-free consistency is achieved.
- Use only suitable mixers and stirrers. Pour the mixture onto the surface to be worked and spread the material evenly to the desired thickness using a squeegee. In the next step, the trapped air is removed with a special spiked roller.
- The drying time is up to max. 3 mm layer thickness in normal climate about 20 hours, but depends on the indoor climate. Grinding using 80 grit is generally not necessary, but can be useful if necessary. Inadequate ventilation and lower temperatures have a significant impact on drying times.
- Use a special primer (e.g. DP 400) on moisture-sensitive substrates.

## Important information:

- Keeps for at least 12 months in the original packaging and when stored in a dry place. Close opened packaging tightly and consume the contents as soon as possible.
- Best processable at 18 - 25 ° C room air temperature, floor temperature  $\geq 15$  ° C and a relative humidity below 75%. Low temperatures and high humidity delay curing, drying and reaching readiness for covering. High temperatures shorten the processing time. In summer, the mixed water should therefore be as cold as possible. The drying time is up to max. 3 mm layer thickness in normal climate about 20 hours, but depends on the indoor climate. Grinding using 80 grit is generally not necessary, but can be useful if necessary. Inadequate ventilation and lower temperatures have a significant impact on drying times. In summer, the mixed water should therefore be as cold as possible.
- Protect freshly smoothed surfaces from drafts, direct sunlight and heat.
- The product should be protected from frost and direct light during transport, storage and use.

## Preparation of the surface:

- The surface must be firm, crack-free, dry, clean and free of substances that could impair adhesion. Use only suitable mixers and stirrers. Pour the mixture onto the surface
- Check and prepare the surface in accordance with the applicable standards and recognized rules of the subject / technology as well as the applicable leaflets.

