



## Cerno CL70 Self Leveling Compound Technical Data Sheet

### DESCRIPTION

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CL70 is a premium polymer-based floor levelling compound that can be applied to level uneven construction substrates. It is quick-setting solution with very low shrinkage and no cracking properties makes it ideal for use on interior floors for residential and commercial properties.

### ADVANTAGE/FEATURES

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- Fast automatic levelling
- High flow
- Low shrinkage
- Construction can be freely controlled thickness from 2-30mm
- 4-6 hours walk on time (+20°C)

### USES

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CL70 is used prior to the installation of most typers of floor coverings including wood timber, laminate, ceramic tiles, carpet, and sheet vinyl on new construction or existing substrates.

### SUBFLOOR PREPARTION

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1. The substrate must be structurally sound, clean, dry and free of: surface contaminates, oil, grease and dust.
2. Test the substrate according to applicable standards and report any deficiencies.
3. Brush, abrade, grind or shot-blast any weak surface sections or areas which will not accept adhesion of the product.
4. Thoroughly vacuum to remove loose material and dust.

## 5. PRIMING

The substrates must be primed with primer before applying the leveller.

Apply suitable primer for porous substrates and non-porous substrates. Allow the primer to dry 1-3 hours to a clear and transparent film.

Please refer to Cerno S150 primer Data Sheet for more details.

## APPLICATION

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1. Add 4.8 to 5.2 litres of cold water into a clean container. Slowly add entire contents into a mixing barrel for a minimum of 3 minutes until a lump free and uniform consistency is achieved.
  2. Pour the mixture immediately on the primed surface after mixing. Spread by gauge rake to get the product into the hard-to-reach areas. Continue pouring the leveller until the required thickness (necessary to cover all of the surface area) is achieved.
  3. Drying time is approximately 2 hours. To enhance both the surface quality and the absorbency of the surface floor, sandpaper 40-60 grit is recommended to use.
- Please note, poor ventilation will retard the drying process.

## SELF-LIFE AND STORAGE

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For unopened bags that are stored in cool and dry conditions, the maximum shelf-life of the product is 12 months.

After the product is opened, use the remaining contents as quickly as possible, providing the product is sealed.

## CLEANING

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Cerno CL70 must be removed from tools and equipment with clean water immediately after use.

## IMPORTANT NOTES

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- Cerno CL70 must not be used in areas subject to permanent wetting and external areas.
- The product is best applied at 10-35°C. Substrates temperature is recommended to be above 10°C and relative humidity is recommended to be below 75%.
- Low temperature and high humidity delay curing. Do not work when the temperature below 5°C.
- It's recommended to cover the surface when temperature is above 35°C and humidity is low to avoid cracking and damage to the floor.
- The product should be protected against frost and direct light during storage and transportation.
- Dispose of the empty packaging according to council regulations.

## TECHNICAL DATA

Composition	Polymer modified cement
Packaging	20kg
Colour	Fine Grey Power
Coverage	3m <sup>2</sup> / 12L at 5mm
Thickness per coat	2-30mm
Working time	20-30 mins (+20°C)
Light foot traffic	4-6 hrs (+20°C)
<b>Compressive Strength (Mpa):</b>	
After 1 day	15
After 7 days	25
After 28 days	35
<b>Flexural Strength (Mpa):</b>	
After 1 day	4
After 7 days	6
After 28 days	8

Remarks: The present data sheet deals with general information only. It is necessary for the user to check beforehand the compatibility of the materials and the working technical. Our products are of constant and superior quality and therefore cannot be blamed for discrepancies due to their use or reaction that are of exclusive responsibility of the user. Our technical service is at the disposal of our clients for any additional information.



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