

# XXL XPRESS



## Rapid Levelling Compound

For levelling of 0.5 to 20 mm in one single operation

### CHARACTERISTICS

- ▶ Ready to receive flooring after just about 90 minutes
- ▶ Low-dust application for cleaner work
- ▶ Excellent self-smoothing properties
- ▶ Very high strength (suitable under wood flooring)
- ▶ Ultra-smooth surfaces make adhesive application easier and reduce adhesive consumption

### SCOPE OF USE

Ceresit XXL XPRESS is a very low-emission, cement based floor levelling compound for producing norm- conforming substrates that are ready to receive floor coverings and wood flooring. After just about 90 minutes, Ceresit XXL XPRESS can be covered with flooring materials and is therefore ideally suited for flooring work under high deadline pressure.

Ceresit Rapid Levelling Compound can be used on:

- screeds
- concrete
- tiles and slabs
- natural stones and terrazzo
- old substrates with firmly adhering, water-resistant adhesive residues.

Only use in dry indoor areas. Do not use Ceresit XXL XPRESS as a screed. Ceresit XXL XPRESS can only be use as a wearing surface if the surface has been treated with a suitable coating. Ceresit XXL XPRESS meets the highest requirements for indoor air quality and environmental compatibility.

### SUBSTRATE PREPARATION

Substrates should comply with the requirements of comparable national standards. In particular they must be clean, free from structural defects, firm, permanently dry, and free of release agents. The following maximum permissible residual moisture contents must always be observed (indicated in % CM):

Type of screed	Resilient and textile flooring, parquet and other wood flooring, laminate	
	Heated	unheated
Cement screed	1.8 %	2.0 %
Calcium sulfate screed	0.3 %	0.5 %

The ingress of moisture into the floor structure must always be prevented by suitable measures (e.g. water - proofing membranes, barrier primers). This applies in particular to



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composite structures and concrete floors. In the case of cement based substrates, any laitance must be removed using suitable machines. Always grind calcium sulfate screeds and vacuum clean. Dense, smooth surfaces, e.g. ceramic tiles, must be thoroughly cleaned and roughened. Before applying the levelling compound, pretreat the surface with the recommended Ceresit primer. When used on non-absorbent, firmly adhering, water- proof and hardened adhesive beds, Ceresit XXL XPRESS can be applied up to a layer thickness of 3 mm without need for a primer. When wood flooring is to be bonded on top, old adhesive residues and levelling compound residues must always be removed as far as possible. New, properly sand sprinkled mastic asphalt screeds can be levelled off up to a layer thickness of 5 mm without need for priming.

### APPLICATION

Fill the predefined amount of clean water into a clean mixing vessel and then add Ceresit XXL XPRESS. Mix with a suitable stirrer for approx. 2 minutes until the mixture is free of lumps. Apply the levelling compound in the required layer thickness using a screed rake or smoothing trowel. For a layer thickness greater than 10 mm up to max. 20 mm, Ceresit XXL XPRESS can be bulked out with 30 % fire-dried quartz sand of grain size 0-2 mm. Ceresit XXL XPRESS can be applied by machine. For further information refer to the "Guide for Pumping" on [www.ceresit.com](http://www.ceresit.com).

## PLEASE NOTE

- Best possible indoor air quality after floor installation work requires conformity to the standard working conditions as well as completely dry substrates, primers and levelling compounds.
- Wait until the applied product is completely dry before continuing with the next steps. For this purpose, ensure favorable climatic conditions (recommended: 50 % rel. humidity, 20 °C) and adequate air circulation.
- Protect the freshly applied compound from direct sunlight and draughts.
- Do not mix with other levelling compounds.
- Apply a minimum layer of 2 mm thickness on nonabsorbent substrates.
- Apply a layer of at least 2 mm and not more than 5 mm thickness on mastic asphalt screeds.
- Do not use outdoors or in areas directly or indirectly exposed to moisture. If in doubt, use suitable moisture barriers.
- Do not use for producing screeds or wearing surfaces.
- Clean tools with water and soap immediately after use.
- Close the open bags thoroughly and use them up quickly.
- Minimum layer thickness under wood flooring: 2 mm.
- When applied on soft layers (e.g. adhesive residues), cementitious levelling compounds are susceptible to cracking. Such layers must therefore be removed as far as possible before applying the compound.
- Only carry out floor installation work if the floor temperature is above 15 °C, air temperature above 18 °C and relative humidity below 75 %.

## PRODUCT SAFETY

Chromate-reduced. Contains cement. Strongly alkaline reaction with moisture, so protect skin and eyes. After contact wash immediately with plenty of water. After eye contact also seek medical advice. The risk of medium- or long-term release of appreciable concentrations of volatile

Apart from the information given here it is also important to observe the relevant guidelines and regulations of various organizations and trade associations as well as the respective standards of the German Standards Institute (DIN). The aforementioned characteristics are based on practical experience and applied testing. Warranted properties and possible uses which go beyond those warranted in this information sheet require our written confirmation. All data given was obtained at an ambient and material temperature of +23 °C and 50 % relative air humidity unless specified otherwise. Please note that under other climatic conditions hardening can be accelerated or delayed.

The information contained herein, particularly recommendations for the handling and use of our products, is based on our professional experience. As materials and conditions may vary with each intended application, and thus are beyond our sphere of influence, we strongly recommend that in each case sufficient tests are conducted to check the suitability of our products for their intended use. Legal liability cannot be accepted on the basis of the contents of this data sheet or any verbal advice given, unless there is a case of wilful misconduct or gross negligence on our part. This technical data sheet supersedes all previous editions relevant to this product.

organic substances (VOC) into the ambient air is negligible. Nevertheless, ensure good ventilation during and after application and drying. Avoid eating, drinking or smoking while processing this product.

Information for allergy sufferers on:

Keep out of reach of children. For professional users.

Safety data sheet available on [www.ceresit.com](http://www.ceresit.com)

Ingredients: special cement, mineral additives, poly vinyl acetate copolymer, plasticiser and additives

GISCODE ZP 1 low chromate content

EMICODE EC 1 R very low-emission according to GEV

## DISPOSAL

Do not allow product to reach sewage system or any water course. Do not allow to penetrate the ground/soil. Only recycle totally empty packages. Dispose of hardened product residues as industrial waste similar to household waste or in the container for commercial/construction site waste. Dispose of unhardened product residues as hazardous waste.

European waste code number (EWC): 17 01 06

## STORAGE

9 months after the date written on the package, in the original package, well-sealed and in dry areas (relative air humidity <50%) and temperatures over 0°C.

## PACKAGING

Bags of 25 kg.

## TECHNICAL DATA

Supplied as	grey powder
Amount of gauging water	5.5 – 6.0 l / 25 kg
Working time	approx. 20 minutes
Ready for foot traffic	after approx. 90 minutes
Ready to receive	
floor coverings	after approx. 90 minutes
with textile and resilient coverings, bonding with	
Ceresit DT 100 /DT 200	after 4 hours
wood flooring (parquet)	after approx. 12 hours
Compressive strength	C50 acc. to EN 13813
Flexural strength	F10 acc. to EN 13813
Reaction to fire	A2fl-s1
Load bearing	from 1 mm layer thickness resistant to chairs with castors according to DIN EN 12529
Temperature resistance	
after curing	up to max. +50 °C, can be used on underfloor heating constructions
for transport	-20 °C to +50 °C
for storage	0 °C to +50 °C

Consumption:

Layer thickness	Consumption	Coverage per 25 kg bag
per 1 mm	approx. 1.5 kg/m <sup>2</sup>	
2 mm	approx. 3.0 kg/m <sup>2</sup>	approx. 8.3 m <sup>2</sup>
5 mm	approx. 7.5 kg/m <sup>2</sup>	approx. 3.3 m <sup>2</sup>
7 mm	approx. 15 kg/m <sup>2</sup>	approx. 1.7 m <sup>2</sup>

The above data are based on normal climatic conditions (23 °C / 50 % rel. air humidity). Other climatic conditions can cause a lengthening or shortening of cure and drying times.



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