CT 32

Clinker mortar

Cement mortar for brick-laying and pointing clinker for interior and exterior usage

CERESIT
CT_32_KT_03.2

CHARACTERISTICS

- Reduces the possibility of efflorescence
- Contains trass
- Frost-resistant
- Water-resistant
- Good workability
- Vapour-permeable

SCOPE OF USE

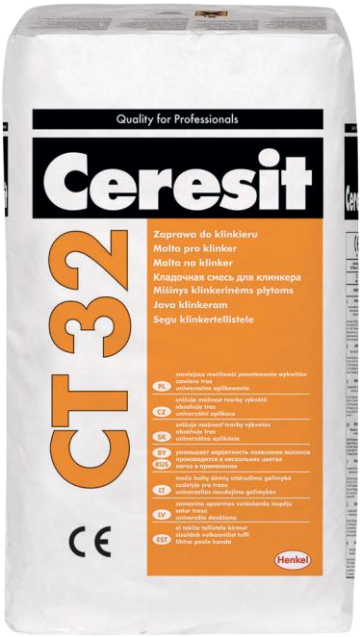
Ceresit CT 32 mortar is used for brick-laying and pointing of load-bearing, foundation and façade walls, chimneys, fencing and street furniture of clinker bricks. The mortar can also be used for pointing clinker tiles up to 30 mm thick. The formulation ensures the mortar has a very good workability and very good adhesion to surfaces with low water absorbability and its flexibility prevents shrinkage cracks during setting. Thanks to the addition of trass, it provides good working properties and reduces the possibility of salt efflorescence. Ceresit CT 29 putty is recommended for thin plastering and finish trowelling.

SURFACE PREPARATION

CT 32 exhibits good adhesion to all mineral, load-bearing substrates, free from substances that limit adhesion, such as grease, bitumen, dust. Contaminants and layers of low strength should be removed. Substrates should not be wet.

PERFORMANCE

Pour the contents of the package into a measured amount of clean, cool water and mix with a drill mixer until a homogeneous, lump-free mixture is obtained.
How to use:
1. "Flush joint" brick-laying – spread CT 32 over the entire surface and then lay successive layers of bricks. Remove excess material. The actual shaping and smoothing of the joint should take place after its initial setting, the timing of which depends on the temperature, air humidity and water absorbability of the brick.



This should be done with a jointing trowel or a round wooden or plastic tool.
2. "Empty joint" brick-laying – this is done using wooden slats with a thickness corresponding to the thickness of the future joint. Spread the mortar on surfaces not covered with the slats. After it has initially set, remove the wooden slats. You can leave the joints empty or fill them with the same mortar by shaping their surface with a jointing trowel or a round wooden or plastic tool immediately after the bricklaying or after a pause.
If the mortar thickens, mix it again without adding water.
Protect a fresh layer of CT 32 from drying too quickly.

PLEASE NOTE

Ensure the clinker bricks are dry before starting work. Their moisture content should not exceed 6%.
Carry out work at a temperature of +5°C to +25°C. Such conditions should be maintained both during the execution of works and during mortar setting. Protect the applied mortar and clinker against precipitation and

excessive sunlight for a minimum of 7 days. For this purpose, use protection plastic sheeting or mats. If precipitation or temperature drops below +5°C are forecast over the next few days, no masonry work should be carried out. Particular care must be taken when mixing the mortar so that the amount of water dosed is in accordance with the application instructions.
Mortar laying can be carried out in two ways - lay using the traditional flush joint method or use previously prepared strips to create even (concave) joints as well as to maintain the level and evenness of the individual layers. When pointing a masonry wall, the consistency of the mortar should be semi-dry so as to avoid soiling bricks. If soiled, clean bricks immediately with cold water.
To avoid shade differences, use CT 32 with the same production batch number on each pack.
CT 32 contains cement and when mixed with water has an alkaline reaction. Therefore, you need to protect your skin and eyes. In case of contact with eyes, rinse abundantly with water and seek medical advice.
Chromium (VI) contents below 2 ppm by the best before date.

STORAGE

Store up to 12 months from date of manufacture, on pallets, in cool conditions and in original, undamaged packaging.

PACKAGING SIZE

25 kg bag

TECHNICAL DATA

Base:	mix of cements with mineral fillers and modifiers
Colours:	grey, graphite, dark brown, chestnut, beige
Density:	1.61 kg/dm$_3$
Mixing proportions:	2.5-3.75 l of water per 25 kg
Application temperature:	between +5°C and +25°C
Working life:	> 180 min acc. to PN-EN 998-2
Water absorption:	≤ 0.1 kg/m$_2$min$_{0.5}$ acc. to PN-EN 998-2
Water vapour permeability:	μ: 15/35 acc. to PN-EN 998-2
Thermal conductivity coefficient at 50% humidity:	$\lambda_{10,dry}$: 0.67 W/mK (tab. value) acc. to PN-EN 998
Compressive strength:	M10 category acc. to PN-EN 998-2
Initial shear strength:	0.15 N/mm$_2$ (tab. value) acc. to PN-EN 998-2
Durability (resistance to freeze-thaw):	-Mass loss: 0% -Change in bending strength: ≤ 16% -Change in compressive strength: ≤ 6%
Reaction to fire:	A1 category acc. to PN-EN 998-2
Chloride content:	< 0.03% Cl acc. to PN-EN 998-2
Approximate yield:	approx. 2.0 kg/dm$_3$

- General purpose (GP) masonry mortar for interior and exterior use. The product is compliant with PN-EN 998-2:2016, has National Technical Assessment No. ITB-KOT-2018/0448 Issue 1 in the Ceresit Ceretherm Ceramic System, issued by the Building Research Institute and the Factory Production Control Certificate No. 020-UWB-0833/Z dated 19/04/2018.
It also hold the Factory Production Control Certificate of the Building Research Institute No. 1488-CPR-
-0170/Z

Any technical advice can be obtained from the telephone numbers:
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