

CEM II/B-LL 32,5 R ECOPlanet

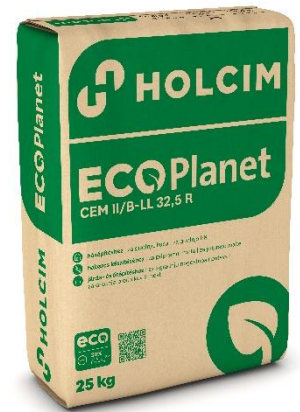
Limestone-portland cement with high early strength and 32,5 MPa standard strength according to MSZ EN 197-1.

Scope of utilization

Due to the composition it's a sustainable cement recommended for soil stabilisation, indoor concreting, plastering. It is also recommended for summer applications.

Usable for:

- concrete base
- indoor concrete
- mortar and concrete mixed on site



The product is sold in bag and bulk.



Directions of use for the production of concrete mixtures and concrete structures with the cement type CEM II/B-LL 32,5 R

High early strength, 32,5 MPa standard strength, moderate heat development cement which contains limestone as main cement constituent. This cement type is recommended for summer applications. With enhanced frost protection it can be used also in cold weather. It is mainly recommended to be used for producing C8/10 – C35/45 compressive strength class concrete mixtures.

In order to achieve great usability and low water/cement factors the application of plasticizer or super plasticizer admixtures is suggested. With decent handling and appropriate compression beautiful surfaces can be produced. Due to its composition and low heat development the appropriate mix of concrete made with this type of cement has a moderate chance of cracking. Aftercare of the structure is very important and has to be planned while taking into consideration the actual weather conditions and local facilities.

Packing:	bulk: in tanker trucks bag: 25kg/bag, 1400 t/pallet
Transportation:	on road or by rail
Storage:	dry, in closed silos, protected from moisture
Durability (chromatarm):	bulk - two months in dry silos after delivery bag - three months protected from moisture after delivery
Colour In powder form:	light grey, colour may vary compared to other cements and types
Date of issuing:	01. May 2023
Valid:	until revocation

Please ask for and use our safety data sheet!

MSZ EN 197-1 CEM II/B-LL 32,5 R cement technical parameters

Cement composition CEM II/B-LL 32,5 R contains the amount of clinker and other additives that is set in standard MSZ EN 197-1. Furthermore is contains gypsum in the amount necessary for controlling the start of the setting.

Technical parameters	Typical value	Standard
Start of setting time (minutes):	160	≥ 75
2 day compressive strenght (MPa):	> 19,0	≥ 10,0
28 day compressive strenght (MPa):	> 40,0	≥ 32,5 ≤ 52,5

Above technical parameters are given by the results measured at the quality assessment laboratory of Holcim Hungary Ltd. The assessments have been carried out according to the effective MSZ EN 196-1; MSZ EN 196-3 and MSZ EN 196-6 standards.

Given parameters are informative, please ask for assistance from our adviser colleague.

Sales

Tamás Hoffmann - CEO
+36 20 946 6081, tamas.hoffmann@holcim.com

Csaba Putler - Sales Director
+36 30 970 5149, csaba.putler@holcim.com

Enikő Dósai-Molnár - Logistics and Customer Service Group Leader
+36 30 574 6841, eniko.dosai@holcim.com

Csaba Peresztegi - Area manager of West Hungary
+36 30 351 4285, csaba.peresztegi@holcim.com

János Simon - Area manager of East Hungary
+36 30 376 9762, janos.simon@holcim.com

Holcim Hungary Ltd.

Address: Cement street 1. Királyegyháza 7953

Mailing address: Királyegyháza Cement Plant
PO Box 54. Szentlőrinc 7940

Phone: +36 73 500 900

Fax: +36 73 500 958

Email: cementhungary@holcim.com

www.holcim.hu