

STANDARD

EN 197-1 - CEM II/B-M (S-LL) 32,5 R



STANDARD

CEM II/B-M (S-LL) 32,5 R

Portland-composite cement with high early strength and 32,5 MPa standard strength according to MSZ EN 197-1

Scope of utilization:

Manufacturing ready mix concrete:

This type of cement is primarily suitable for producing concrete for high volume casting and massive manufacturing. We recommend to use this cement type especially in summer.

It is suitable for the production of wet mortar in plants.



The product is sold in sacks and in bulk too.

Directions of use for the production of concrete mixtures and concrete structures with CEM II/B-M (S-LL) 32,5 R cement:

Usual standard strength cement with low heat evolution that is also characterised by high post-strengthening due to the blastfurnace slag content. In winter it is safe to use this cement type with appropriate frost protection or inside. It is primarily recommended to be used for producing C8/10 – C40/50 compressive strength class concrete mixtures.

In order to achieve great usability and low water/cement factors the application of plasticiser or superplasticizer admixtures is suggested. With decent handling and appropriate compression beautiful surfaces can be produced. Due to its composition and low heat evolution the appropriate concrete mixture made with this type of cement has a very slim 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.



Packings:	in sacks – 25 Kg/sack, 1000 or 1400 Kg/pallet in bulk – in tanker trucks
Transportation:	on road or by rail
Storage:	dry, in closed silos, protected from moisture
Durability (chromate reduced):	bulk - two months in dry silos after delivery sack – dry, in closed places three months after packing
Colour in powder form:	light grey, colour may vary compared to other cements and types
Date of issuing:	15 October 2019.
Valid:	until revocation

Please ask for and use our safety data sheet.

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

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

Technical parameters	Typical value	Standard requirement
Start of setting time (minutes)	240	≥ 75
2-day compressive strength (MPa)	>17,0	≥ 10
28-day compressive strength (MPa)	44,7	≥ 32,5 ≤ 52,5

Above technical parameters are given by the results measured at the quality assessment laboratory of LAFARGE Cement Hungary Ltd. The assessments have been carried out according to the effective MSZ EN 196-1; MSZ EN 196-3; MSZ EN 196-6 standards. Given parameters are informative, please ask for assistance from our technical advisor colleague.

Sales

Tamás Hoffmann - CEO

+36 (20) 946-60-81, tamas.hoffmann@lafargeholcim.com

Zsófia Zadravecz - Sales and Marketing Director

+36 (30) 473-86-33, zsafia.zadravecz@lafargeholcim.com

Enikő Dósai-Molnár - Logistics and Customer Service Group Leader

+36 (30) 574-68-41, eniko.dosai@lafargeholcim.com

Zoltán Fejes - Sales Representative and Application Specialist

+36 (30) 289-32-89, z.fejes@lafargeholcim.com

Csaba Peresztegi - Sales Representative

+36 (30) 351-42-85, csaba.peresztegi@lafargeholcim.com

János Simon - Sales Representative

+36 (30) 376-97-62, janos.simon@lafargeholcim.com

LAFARGE Cement Magyarország Kft.
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
E-mail: cementhungary@lafargeholcim.com
www.lafarge.hu

