



OLY GROUT 1500 is a premixed concrete lightened with expanded clay. The components are made of Portland cement 42.5 II A-LL according to UNI EN 197/1; aggregates compliant with UNI EN 12620; expanded clay compliant with UNI EN 13055 and specific additives to improve workability. Suitable for uses where static weights must be contained while ensuring high mechanical strength such as roofing and slabs. Suitable for working on slopes and outdoors. Dry material weight 1500 Kg / m³. Compressive strength R_{ck} after 28 days equal to 26 MPa. Complies with EN 206-1 respecting the declared water / cement ratio.

OLY GROUT 1500 it can be used for the realization of collaborative and non-collaborative castings on brick floors, brick, wood and beams. **OLY GROUT 1500** can also be used for interventions where lightness and excellent mechanical resistance to compression are required. It is also compliant with UNI EN 206-1 respecting the declared A / C ratio.

Features	Typical value
Appearance	Gray powder
Mixing water	~16%
Mixing times	3-4 min in the concrete mixer
A / C ratio	0,48
Workability time	45 min at 20°C
Consistency class (EN 206-1)	S4
Packing density	1150 Kg/m ³
Hardened density (EN 206-1)	1500 Kg/m ³
Walkability (depending on the maturation conditions of the building)	12 h
Thermal conductivity	0,5 W/mK
Exposure class (EN 206-1)	X0-XC1
Resistance class (EN 206-1)	LC 23/26
Characteristic compressive strength after 28 days. R _{ck}	26 N/mm ²
Characteristic compressive strength after 28 days, f _{ck}	23 N/mm ²
Elastic module	16000-18000
Fire reaction	Euroclass A1 (Non-combustible)

Installation

OLY GROUT 1500 can be mixed with a cement mixer or with a continuous mixer. Mix the product with about 4.3 liters approx. of water for each 25 kg bag. Mix thoroughly for 3 minutes until a homogeneous, lump-free and semi-fluid consistency is obtained.

OLY GROUT 1500 is applied following the traditional procedures and operations of a normal concrete. Following the casting, proceed with compaction by means of adequate vibration. Particular attention must be paid in the presence of reinforcement, formwork and exposed castings. In order to allow a suitable response to any stresses, the casting of *OLY GROUT 1500* must not be interrupted by electrical or hydraulic systems. In the case of flooring, it is advisable to use a finishing screed.

Packs

25 Kg multilayer paper bag.

Consumption

55 bags / mc

Storage

The product fears humidity. Store in a sheltered and dry place; in these conditions and in unopened containers, the product maintains its stability for 6 months.

Warnings

Avoid applying **OLY GROUT 1500** at temperatures below +5 ° C or above +35 ° C. The product is ready to use, do not mix with other substances on site. Wet the substrate before casting. Do not remix with water after the product has started hardening. Protect the product from quick drying. Avoid application in the presence of excessive sunlight and strong wind. Not suitable for application with truck mixer or silos. Interventions with structural and / or collaborating reinforced concrete must be carried out under the supervision of a qualified technician in compliance with the laws and regulations in force. The technical and mechanical characteristics and the methods of installation indicated in this sheet are based on an extensive analysis of the state of the art of the research and of the applications in question, but cannot imply any guarantee on our part on the final result of the product. applied in particular with regard to the installation of systems that must be carried out by specialized personnel.

The buyer is responsible for verifying the suitability of the products described in this document for the intended use and purposes. Olympus srl assumes no responsibility for the improper use of the material. The customer is required to verify that this sheet and the data reported therein are valid for the batch of product of his interest and are not outdated as replaced by subsequent editions and / or new product formulations or certifications. The customer is invited to contact our Technical Department in advance for further clarifications. This edition cancels and replaces any previous one.

Product for professional use

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