

Master X-Seed PAV 10

Hardening accelerator specifically design for industrial flooring.

Material description

Master X-Seed PAV 10 is an innovative product developed at the Master Builders Solutions research center.

Master X-Seed PAV 10 promotes the hardening reaction of the cement paste, particularly at low temperatures.

Master X-Seed PAV 10 promotes the formation of hydrated calcium silicates, which contribute to rapid development of mechanical strength, particularly at very early curing times, and to improving the microstructure of the cement paste.

Field of Application

Master X-Seed PAV 10 is a product optimised for all types of concrete but in particular aimed at concrete for the production of industrial slabs and flooring, where high values of mechanical compressive strength are required at very early curing times.

Benefits

Master X-Seed PAV 10 offers the following benefits:

- specific admixture for concrete for industrial flooring;
- accelerated development of mechanical strength, especially at low temperatures.

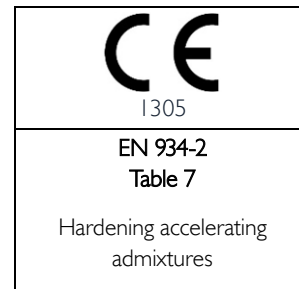
Compatibility

Master X-Seed PAV 10 is compatible with all Master Builders Solutions core technologies and it is strongly advised in combination with MasterGlenium PAV line admixtures.

Additionally, the use of auxiliary products is recommended:

- MasterKure curing agent to protect exposed fresh concrete slab areas;

In compliance with the European Regulation (EU No 305/2011 and EU No. 574/2014) the product is provided with the CE marking according to UNI EN 934-2 and the relative DoP (Declaration of Performance).



Dosage

The recommended dosage rate is 0,3 to 1,5 litres per 100 kg of cement.

Other dosages may be used in special cases according to specific conditions. In this case please consult our Technical Services Department.

Packaging and storage

Master X-Seed PAV 10 is available in 10 liters cans, 1.000 liters containers or in bulk.

Master X-Seed PAV 10 must be stored at temperatures above 5°C. Protect from freezing! If frozen, warm slowly up and carefully remix before use. If stored in unopened containers according to manufacturer's instructions, the shelf life is 6 months.

Directions for use

Master X-Seed PAV 10 is a ready-to-use liquid admixture to be added to the concrete during the mixing process. Enough mixing time to secure homogeneous dispersion should be provided.

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Technical Information	
Form	Liquid
Relative density (g/cc at 20°C)	1,385 -1,445
Essential characteristic in accordance to EN 934-2	Performance
Chloride ion content	≤ 0,1% by mass
Alkali content (Na ₂ O equivalent)	≤ 5%
Corrosion behaviour	Contains only components from EN 934-1 2008 Annex A.1
Air content	≤ 2%
Hardening time/ strength development	20°C 24 h ≥ 120% 20°C 28 days ≥ 90% 5°C 48 h ≥ 130%

Handling and transportation

No special requirements must be observed while the product is used. Protective gloves and glasses are recommended. Do not eat, drink or smoke during application. Master X-Seed 130 is non-flammable, non-toxic or irritant and is not subject to special transport requirements.

Safety instruction

For information on the correct and safe use, transport, storage and disposal of the product, consult the most recent Safety Data Sheet.

Other services

For additional technical information, brochures, references, technical reports and technical support please visit www.master-builders-solutions.com/it-it or alternatively contact infomac@masterbuilders.com.

Scan QR code to visit the product page and download the latest version of this technical data sheet and any additional documentation.



Disclaimer



Master X-Seed PAV I0

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Since 16/12/1992, Master Builders Solutions Italia Spa has been operating under a Certified Quality System compliant with the UNI EN ISO 9001 Standard. Furthermore, the Environmental Management System is certified according to the UNI EN ISO 14001 Standard and the Safety Management System is certified according to the UNI ISO 45001 Standard.

For further information, please consult the local Technician of Master Builders Solutions. The technical advice on how to use our products, either written or verbally given, are based on the current state of our scientific and practical expertise, and does not imply the assumption of any guarantee and/or responsibility for the final results of works executed using our products.

Therefore, the customer is not exempted from the exclusive task and responsibility of verifying the suitability of our products for the intended use and purposes.

This version supersedes all the previous ones.

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