

BoscoMix P152

Crystallized Admix

Product Description:

Bostik BoscoMix P152 is a new generation "A³ Technology" enhanced, grey-colored, permanently active, integral crystalline permeability reducing powdered admixture for concrete works.

It is ideal for use in all type of concrete works and creates a long term durable waterproof concrete.

Application Areas:

- Foundations and basements and base-slabs
- Blind-side or single-face concrete works
- Precast concrete
- Manholes
- Underground vaults
- Parking structures
- Water containment structures
- Waste treatment facilities
- Marine structures
- Dams, water reservoirs and swimming pools
- Tunnels and subways
- Elevator pits
- Complex architectural design

Features:

- Everlasting permanent integral solution
- Self-healing, crack bridging capability
- A³ Technology enhanced
- Excellent water vapor permeability
- Easy to use and save time
- It has no major site effect to the concrete
- It contains non-toxic, inorganic ions which provides a durable concrete with high hydrostatic pressure resistance and resistance to water borne salts, chloride ion & sulfate (chemical resistant to pH 3 ~ 11 constant contact)
- It also protects reinforcement against corrosion.

Dosage :

Usual recommended typical dosage rate for Bostik BoscoMix P152 is 1,0 % ~ 1,5 % by weight of total cementitious materials inside the fresh concrete mix

The dosage should not exceed 2,0 % by weight of cement content for appropriate dosage rates for the specific projects please contact Bostik Technical Service

Application Instruction :

Bostik BoscoMix P152 should be added at the time of mix batching stage of the ready-mix concrete at concrete plant.

A. Dry-Batch Operations at Ready-Mix Concrete Plant (recommended): Add BoscoMix P152 in its original powder form to the vessel of the ready-mix concrete and preferably should be mixed initially with the dry components of concrete mix as an aggregate. To obtain a homogenous mixture, mix the dry components for a minimum 5 minutes that the admix has been thoroughly well dispersed throughout the concrete mix. In all cases total quantity of water should be added in the design concrete mix in accordance with standard practices.

BoscoMix P152 should not be added to the ready-mix concrete after the cementitious components have been added to the batch mix.

Uyarı: BOSTİK sadece ürünün kalitesinden sorumlu olup; ürünün nerede ve/veya nasıl kullanılacağına ilişkin öneriler dışında ve/veya hatalı kullanılması durumunda sorumlu tutulamaz. Münferit haller için işlem sonucuyla ilgili bir garanti vermemiz, kullanım olasılıklarının çokluğu ve ürünlerin kontrolümüz altında olmayan depolama ve işlem koşulları nedeniyle mümkün değildir. Gerekli hallerde kullanıcı kendi testlerini yapmalıdır. Yerel düzenlemeler nedeniyle ürün performansları ülkeden ülkeye farklılıklar gösterebilir. İşbu teknik bülten, yenisi oluşturulana kadar geçerlidir. Yenisinin yayınlanmasıyla bundan önceki teknik bültenlerin geçerliliği sona erer. BOSTİK teknolojik gelişmeler doğrultusunda ürünlerde değişiklik yapma hakkını saklı tutar. Ürünlerin güvenliğiyle ilgili hususlarda, bu bilgileri içeren ürüne ait malzeme güvenlik bilgi formuna (SDS) başvurulmalıdır.



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B. Site-Mix Slurry Operations at Job-Site: BoscoMix P152 should be mixed with a certain amount of clean water to obtain a slurry (water mixing ratio , 1 part BoscoMix P152 : 2 part water). For a proper slurry mix the admix with clean water minimum 5 minutes. Then pour the admix slurry into the vessel of ready-mix concrete truck properly and drive the vessel in high speed cycle minimum 10 minutes before placing the ready-mix concrete. In all cases total quantity of water should be added in the design concrete mix in accordance with standard practices. Mixed fresh concrete should be placed within 20 minutes. Please Note : It is important to obtain a well dispersed , homogenous mixture of ready-mix concrete with BoscoMix P152. Therefore, it is not recommended to add dry BoscoMix P152 in its original powder form directly to fresh concrete as a dry-shake method.

Technical information	
Color	Grey
Bulk Density	0,95 ±0.05 kg /lt
pH Value – slurry	> 10
Capillary Absorption (EN 480-5)	Tested for 7 days after 7 days curing: Test mix ≤ 50% by mass of control mix Tested for 28 days after 90 days curing: Test mix ≤ 60% by mass of control mix
Compressive strength (EN 12390-3)	At 28 days: Test mix ≥ 85 % of Control mix
Water Permeability (DIN 1048-5)	< 20 mm
Water Soluble Chloride Content (EN 480-10)	< 0,2 %
V.O.C.	0 %

Limitations :

- BoscoMix P152 is only for professional use
- Allow at least 48 hours to cure before opening to foot traffic
- Protect fresh concrete against quick drying out
- For fully activation, the concrete structure may require 2-4 weeks
- Do not apply to dry surfaces
- Bostik BoscoMix P152 can be used as an individual admixture or in combination with other admixtures. In this case the performance of the actual concrete mix design should be verified to confirm accordance with project specifications. Please refer to product instructions or contact Bostik Technical Service
- Bostik, is not responsible or liable under any circumstances for determining the merchantability or suitability of the Bostik BoscoMix P152 or compatibility with the other Bostik and/or any other supplier products for the customer's intended purpose
- Customer shall determine the suitability of the Bostik BoscoMix P152 for the intended use and assume all risks and liability in connection therewith representatives, to make any statements, which may supersede, modify or supplement the information provided on its printed literature or package labels without written confirmation from the Bostik Management.
- All information provided by Bostik concerning Bostik BoscoMix P152, including but not limited to, any recommendations and advice relating to the application and use of Bostik BoscoMix P152, is given in good faith based on Bostik's current experience and knowledge of its products when properly stored, handled and applied under normal conditions in accordance with Bostik 's application instructions and data sheets.

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Precautions :

The cement in concrete mix should comply with EN 197-1. Be sure that "water/cement" ratio in concrete mix < 0,50. Mixed fresh concrete should be used within 20 minutes. When incorporating Bostik BoscoMix P152, the temperature of the concrete mix should be above 5°C. The concrete mix containing Bostik BoscoMix P152 must be produced, placed and finished same way as normal concrete according to valid governmental regulations, building codes and building industry standard practices.

Depending on weather conditions, the use of water reducers, superplasticizers, retarders and/or accelerating admixtures may be necessary to maintain desired workability. It is recommended to perform compatibility tests with other admixtures as required.

Please note: Trial mixes under project conditions to determine setting time, slump, air content and compressive strength of concrete are highly recommended.

Packaging:

20 kg craft bag, 66 bags in 1 palette (1320 kg/palette)

Storage and Shelf Life:

The product should be stored in the original package in a cool, dry place and out of direct sunlight (5°C – 30°C). Do not allow product to freeze.

When stored in a dry place in unopened, undamaged original packaging, shelf life is 6 months.

Caution

Irritant. May cause respiratory irritation. May cause an allergic skin reaction. Do not get in eyes, on skin or on clothing. Do not breathe fumes. Do not swallow. Use with adequate ventilation. Wear protective clothing during dosing. Wash thoroughly after usage.

First Aid Treatment :

If in eyes or on skin, rinse with water for at least 15 minutes. If breathed in, move person to fresh air. If swallowed, call a Poison Control Center or doctor immediately. Do not induce vomiting.

Keep out of the reach of children

Please consult Safety Data Sheet (SDS) for further information.

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