

## BETON ADMIXTURE PBAX-100

No. TD : P-154  
Revision : 01  
Effective Date : 04/01/2023

**BETON ADMIXTURE PBAX-100 1K WB** is super plasticizer that used to improve and fasten strength development of concrete. It provides :



1. Ease of concrete casting
2. Increase early strength development
3. Increase compressive strenght
4. Make concrete more compact

### PRODUCT SPECIFICATION

Type : One component clear liquid  
Color : Clear  
Solid mixture by volume :  $\pm 20\%$   
Specific gravity (mixture) :  $\pm 1.05$  gr/cc  
Material consumption : 0.5 % from cement usage  
Packaging : 1, 5 and 20 kg  
Storage stability : 12 month stored in cool dry place and in the original packing  
Application temperature : 25-35°C  
Provide adequate ventilation during application and drying

### APPLICATION

Mix Beton Admixture PBAX-100 with water. We recommend use 0.5% and reduce the water consumption up to 15% to achieve higher early strength or do the trial mix until got the desired performance. Then add PBAX-100 mixture to cement, sand and aggregates. Mix thoroughly until homogenous concrete slump is achieved. Pour the concrete and continue the application as usual. Concrete treated with PBAX-100 may be placed in the same fashion as conventional concrete.

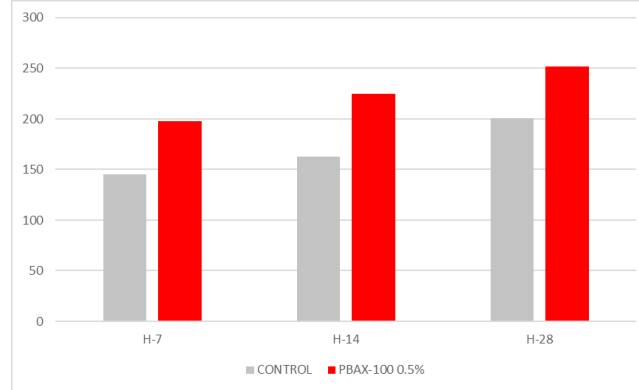
### PERFORMANCE DATA

The following test results were results using typical SNI DT-91-2007 mix design requirements. These results were obtained under laboratory conditions with materials and mix designs meeting the specifications. Changes in materials and mix design can affect the dosage response of of PBAX-100.

Fig 1. Mix Design K-250 (SNI DT-91-2007) (kg/cm3)

	CONTROL	PBAX-100 0.5%
Cement	384 kg	384 kg
Sand	692 kg	692 kg
Aggregates	1039 kg	1039 kg
Water	215 kg	182 kg
PABX-100		1.92 kg
W/C	0.56	0.48
Slump Test	20 $\pm$ 2 cm	20 $\pm$ 2 cm

Fig 2. PBAX-100 0.5% Compressive Strenght Results (kg/cm3)



## SAFETY PRECAUTION

This product does not contain aromatic solvent. It does not contain formaldehyde or heavy metals. Avoid contact with the skin and eyes. Wear suitable protective clothing such as working suit, goggles, masks, and safety gloves. Use barrier cream.

This product is non flammable.

For more information, please refer to our safety data sheet

## FIRST AID:

- Eye contact : Rinse immediately with plenty of water for at least 15 minutes; seek medical advice.
- Skin contact : Wash with soap and water. If irritation occurs, seek medical advice.
- Ingestion : Provide symptomatic treatment and seek medical advice.
- Inhalation : Remove person to fresh air. Keep patient rested and give artificial respiration.

## DISCLAIMER

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