

TECHNICAL DATA SHEET
BETON HARDENER K35

Composition and usage of the product

- Composition:** polysiloxane in water solution and its concotions;
Uses: intended for industrial and professional applications;
Storage: the product is stable if kept in tank of iron, steel and plastic well-closed and at a temperature between 5 ÷ 50°C. Avoid any contact with amphoteric metals (aluminum, zinc, etc.), acids and organic substances.
Packaging : 1000 liters tank made of PE;
 by measure in 30t. tank lorry

Chemical – physical properties

Properties	measure unit	Beton Hardener K10 Ready to use						
		<i>DM</i>	<i>25 M</i>	<i>25</i>	<i>35 M</i>	<i>35</i>	<i>40 M</i>	<i>40</i>
aspect	-	uncoloured liquid or pale yellow						
solubility in water	-	without limit – use distilled water						
density at 20°C	g/ml	1,15 ± 0,05	1,20 ± 0,05	1,20 ± 0,05	1,30 ± 0,05	1,30 ± 0,05	1,38 ± 0,05	1,38 ± 0,05
pH (in bulk)	-	11,4 ± 0,5	11,4 ± 0,5	11,4 ± 0,5	11,5 ± 0,5	11,5 ± 0,5	11,6 ± 0,5	11,6 ± 0,5
surface tension at 20°C	mN/m	28 ± 5	30 ± 5	45 ± 5	35 ± 5	50 ± 5	40 ± 5	60 ± 5
viscosity at 20°C	mPa·s	4 ± 3	8 ± 2	8 ± 2	13 ± 2	13 ± 2	150 ± 20	150 ± 20

BETON HARDENER is a special product developed to improve the hardness and quality of new and existing concrete floors. Excellent also for Terrazzo and any Agglomerate floor. It reacts with the salt of cement increasing the hardness and resistance to the abrasion and improve the protection against oils, greases and other agents contaminating. It seals in depth the CLS through a chemical reaction that close the porosity avoiding that the floor release the dust of cement. Applied on fresh concrete it controls the thin superficial cracks due from the idrometric withdrawal of the concrete during the maturation processes. Furthermore it arrests to the efflorescences and the leaching of the lime due from the gone back one of alkalis. **APPLICATION:** Apply uniformly on floor perfectly dry and cleaned up with mop or sprayer at low pressure. For better penetration brush the floor with a brush or with a single-disc machine fitted with natural brush . If applied during the process of Superconcrete System, we advise to apply the product after them diamond disc CK4 or similar grit . If applied during the process of polishing Terrazzo or Agglomerate apply the product after stage CK5 or similar. Let the floor to become dry perfectly and proceed washing the floor with STONE SOAP. **Floors treated with BETON HARDENER acquire; Greatly increase hardness, Superior scratch resistance, High resistance to chemicals, Non-allergenic, Very high gloss level.**

*The above written informations on usage and storage of the product correspond at our best present knowledge based on documental and practical experience, and don't warrant any assumption of responsibility on the final result of the usage of our products.
We recommend to verify the suitability of the product for the purposes of the client.
The present version repeal and substitute any previous one.*