



Technical Data Sheet (TDS)

Product Name

Flex-C-Ment™ COLOR HARDENER

Manufacturer

DBS İnş. Taah. Kimya San. ve Tic. Ltd .Şti.

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Portland Cement Mixture

Components:

Quartz 99% silica 14808-60 (%60)

Nuisance Dusts (Cement) (%30)

Iron Oxide Pigments (%5) (optional)

Proprietary additives (5%)

Technical Data

Properties of Flex-C-Ment™ Color hardener

<u>Cure Time</u>	<u>Compressive Strength</u>
7 days	2,800 psi
28 days	> 4,000 psi

Wear Resistance for Grinding

When applied 1 cm thick screed layer on concrete foundation. Consumption rate of Colour Hardener: about 4,0 kg/m² +/-10% on fresh grinded surface. The tested surfaces were treated according to SIST EN 13892 - 2 standards. Wear resistance was tested in compliance with the procedure SIST EN 13892 - 3 according to Böhme DIN 18560. Test results are indicated in Table below.

	Sample1	Sample2	Sample3	Mean value
Wear resistance	4,1	4,5	4,2	4,4
Highest value	4,5			

Description

Flex C Ment Color Hardener is a dry shake, color hardener that is applied to the surface of freshly placed concrete. It is a cementitious-based coloring material that may be used to create abrasion resistant interior floors and freeze-thaw stable exterior hardscapes. The time-tested formulation of Flex C Ment Color Hardener creates an extremely dense surface that is resistant to foot and vehicular traffic, and extreme weather. It is available in 16 color options.



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Limitations

Flex C Ment Color Hardener must be applied at the recommended broadcast rate. Review related section of Coverage. Applying insufficient material will reduce the abrasion resistance and may alter the color of the cured surface. Flex C Ment Color Hardener should not be mixed into ready mixed concrete. Flex C Ment Color Hardener is intended for application during new concrete flatwork installations. Flex C Ment Color Hardener is packaged and available in 25 kg Kraft bags and 26 kg pails.

Coverage

For most applications and colors, coverage is 3,5-4 kg per 1 sqm.

Manufacturer's Warranty

The data contained herein are furnished for information only and are believed to be reliable. However, DBS LTD does not assume responsibility for any results obtained by persons over whose methods DBS LTD has no control. It is the user's responsibility to determine the suitability of DBS's products or any production methods mentioned herein for a particular purpose, and to adopt such precautions as may be advisable for the protection of property and persons against any hazards that may be involved in the handling and use of any of DBS's products. In light of the foregoing, DBS LTD specifically disclaims all warranties, express or implied, including warranties of merchantability and fitness for a particular purpose, arising from sale or use of DBS LTD's products. DBS LTD further disclaims any liability for consequential or incidental damages of any kind, including lost profits.

IMPORTANT! READ BEFORE USING.

This product contains portland cement. Contact with cement, freshly mixed concrete, or mortar can cause severe burns. Avoid direct contact with skin Wash skin exposed to freshly mixed concrete or mortar directly or through soaked clothing promptly.If this product burns your skin, see a physician immediately.

If this product should contact eyes, immediately flush with water and consult a physician. This product may contain silica. Silica dust if inhaled may cause respiratory or other health problems. Prolonged inhalation may cause delayed lung injury, including silicosis and possibly cancer.

Dust mask, eye protection and rubber boots and gloves are recommended when using this product.

KEEP OUT OF THE REACH OF CHILDREN.