

# Certification Report



Item Number **5440**

Manufacturing date 20.04.2016

Charge No. 0045166

Name

## Ha-Be Color Gelb 440

Application

Liquid colours for colouring concrete. acc. EN 12878:2005 + AC:2006

|                                    | Target      | Measured    |
|------------------------------------|-------------|-------------|
| State                              | liquid      | liquid      |
| Colour                             | yellow      | yellow      |
| Density in g/cm <sup>3</sup>       | 1,50 - 1,56 | 1,53        |
| Dry substance in mass-%            | 44,0 - 48,0 | 46,2        |
| pH-value                           | 5,0 - 9,0   | 7,8         |
| Color intensity (1)                | 100 +/- 5 % | passed      |
| Color difference (1)               | dE* ≤ 1,5   | passed      |
| Water-soluble substances in mass-% | < 4,00      | Kategorie B |
| Chlorid content in mass-%          | < 0,10      | Kategorie B |

(1) Checked against valid standard

The product meets the requirements for the CE marking in accordance with EN 12878 annex ZA for the category B and is suitable for use in reinforced concrete

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