C³ Carbon Concrete Composite
Binder for high strength carbon concrete

Dyckerhoff GmbH, Wilhelm Dyckerhoff Institut
Postbox 2247, 65012 Wiesbaden, Germany
Phone +49 611 676-1730
Sekretariat_WDI-QTB@dyckerhoff.com  www.dyckerhoff.com

C³-Nanodur and BMK-D5-1 are high-performance binders based on cement main constituents in accordance with DIN EN 197-1. Conformity of the technical specifications of the product supplied with the values given in this data sheet is ensured by factory production control carried out at the Deuna and Neuwied plants (Germany) in compliance with DIN EN 197 Part 2 and on the basis of DIN EN ISO 9001.

Based on the operating and process instructions specified by the quality management system of these plants, continuous production monitoring is performed on the raw materials as well as the intermediate and final products. This facilitates ongoing verification of the conformity of the product properties with the corresponding requirements.

** Prism 4 cm x 4 cm x 16 cm
Test specimen stored for 28 days under water at 20°C

Important notice:
Prolonged exposure of the concrete surface to moisture combined with deficient ventilation may lead to a permanent blue discoloration caused by the blast furnace slag present in the binders. To counteract this tendency, for these conditions a suitable air permeable hydrophobization of optically sophisticated elements should be applied as early as possible. Afterwards, the elements have to be stored for at least 1 week under dry conditions.

This bulletin contains general information only. It cannot consider chemical and/or physical influences of substances unknown to us having any contact with our products at mixing or in any other way at work on the construction site. Hence the information is perhaps not suitable for the actual application. In this case individual tests considering the actual on-site conditions are necessary. The information in this bulletin cannot be seen as a quality guarantee.

www.bauen-neu-denken.de

*The formulation of the binder concept BMK-D5-1 was co-funded by: