

Certificate of conformity of the factory production control

1139-CPR-0802/09

(6th revised version)

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), in the current version, this certificate applies to the construction product

Admixtures for concrete, mortar and grout

(according to the information in the annex of this certificate)

placed on the market under the name or trade mark of

Berolan GmbH

A-4341 Arbing, Technologiestraße 7

and produced in the manufacturing plant

Berolan GmbH

A-4341 Arbing, Technologiestraße 7

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standards

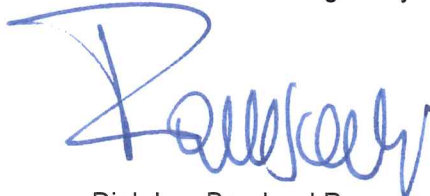
EN 934-2:2009+A1:2012 and EN 934-3:2009+A1:2012

under system 2+ are applied and that

the factory production control is assessed to be in conformity with the applicable requirements

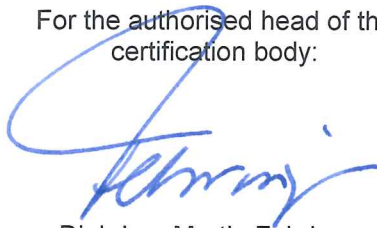
This certificate was first issued on 20 April 2010. The present 6th revised version of the certificate 1139-CPR-0802/09 replaces the 5th revised version of the certificate from 12 June 2017 and will remain valid as long as neither the harmonised standard(s), the construction product, the AVCP method nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified factory production control certification body. The certificate consists of two pages (incl. Annex).

The authorised signatory:



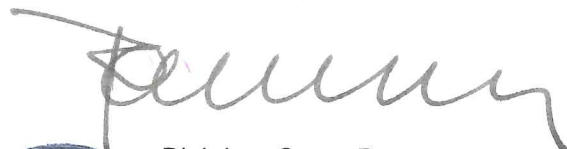
Dipl.-Ing. Bernhard Ramsauer
(Oberstadtbaurat)

For the authorised head of the
certification body:



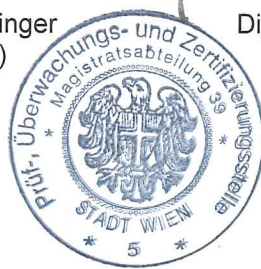
Dipl.-Ing. Martin Fehringer
(Oberstadtbaurat)

The Head of the Research Centre,
Laboratory and Certification Services:



Dipl.-Ing. Georg Pommer
(Senatsrat)

Vienna, 14th June 2018



ANNEX TO

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This certificate implies the factory production control of the following products of the manufacturer Berolan GmbH, A-4341 Arbing, Technologiestraße 7

Manufacturing plant: Berolan GmbH, A-4341 Arbing, Technologiestraße 7

Admixtures for concrete, mortar and grout according to EN 934-2:2009+A1:2012

Intended use: for concrete

| Product trade name | Maximum chlorid-content (manufacturer's information) | Maximum alkaline-content (manufacturer's information) |
|--|---|--|
| Water retaining admixture acc. to EN 934-1:2008, tab. 1 and EN 934-2:2009+A1:2012, tab. 4 | | |
| Berolan ST 100 | ≤ 0,1 % by mass | ≤ 0,5 % by mass |
| Air entraining admixture acc. to EN 934-1:2008, tab. 1 and EN 934-2:2009+A1:2012, tab. 5 | | |
| Berolan LPC908 | ≤ 0,1 % by mass | ≤ 0,5 % by mass |

Admixtures for concrete, mortar and grout according to EN 934-3:2009+A1:2012

Intended use: for masonry mortar

| Product trade name | Maximum chlorid-content (manufacturer's information) | Maximum alkaline-content (manufacturer's information) |
|---|---|--|
| Air entraining admixture acc. to EN 934-1:2008, tab. 1 and EN 934-3:2009+A1:2012, tab. 2 | | |
| Berolan W1 | ≤ 0,4 % by mass | ≤ 21,0 % by mass |
| Berolan W4 N | ≤ 0,1 % by mass | ≤ 20,0 % by mass |
| Berolan W4 DF | | ≤ 21,0 % by mass |
| Berolan W7 | | ≤ 21,0 % by mass |
| Berolan LP 50 | | ≤ 10,0 % by mass |
| Berolan LP 70 | | ≤ 10,0 % by mass |
| Berolan CO 5 | | ≤ 10,0 % by mass |
| Berolan HS30/HS40 | ≤ 0,2 % by mass | ≤ 15,0 % by mass |
| Berolan LP 100 | | |
| Berolan LP 200 | | |
| Micropor 50 | ≤ 1,1 % by mass | ≤ 10,0 % by mass |

Product characteristics can be found in the information of the manufacturer accompanying the CE marking.