

Approval Number: 1701509  
Test Report: M106251A, B & C. M106248A & B. M106246. MAT/LAB 381M. MAT/LAB 440A & MAT/LAB 598A



Water Regulations Advisory Scheme Ltd.  
Unit 13,  
Willow Road,  
Pen y Fan Industrial Estate,  
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Gwent,  
NP11 4EG

29<sup>th</sup> January 2018

Akzo Nobel Powder Coatings GmbH  
Markwiesenstrasse 50,  
D72770 Reutlingen,  
Germany

**WATER REGULATIONS ADVISORY SCHEME LTD. (WRAS)**  
**MATERIAL APPROVAL**

The material referred to in this letter is suitable for contact with wholesome water for domestic purposes having met the requirements of BS6920-1:2000 and/or 2014 'Suitability of non-metallic products for use in contact with water intended for human consumption with regard to their effect on the quality of the water'.

The reference relates solely to its effect on the quality of the water with which it may come into contact and does not signify the approval of its mechanical or physical properties for any use.

**COATINGS, PAINTS & LININGS - FACTORY APPLIED PIPE & FITTINGS COATINGS.**

**5030**

Resicoat factory applied, epoxy powder coatings. The coatings are electrostatically applied by spray onto a panel pre-heated for 15 minutes@225°C and then post cured for 15 minutes@220°C. For use with water up to 85°C.

The following grades are manufactured at Germany, Reutlingen:

Resicoat R4 blue: R4-ES HJ601R, R4-ES HJ605R, R4-ES HJ606R, R4-FB HJC03R, R4-FB HJC04R, R4-FB HJC06R, R4-FB HJC08R, R4-FB HJC12R PAM blue, R4-FB HJC23R, R4-FB HJC33R, R4-FB HJC34R, R4-FB HJC36R, R4-ES HJF01R, R4-ES HJF09R, R4-ES HJF10R, R4-ES HJF13R PAM blue, R4-ES HJF14R, R4-ES HJF21R, R4-ES HJF22R, R4-ES HJF23R, R4-ES HJF24R, R4-ES HJF26R, R4-ES HJF42R, R4-ES HJF47R, R4-ES HJG05R, R4-ES HJG07R, R4-ES HJG08R, R4-ES HJH01R  
7 R4-FB HJC26R.

Resicoat R4 red/red-brown: R4-FB HGC07R, R4-FB HGC17R, R4-ES HGF03R, R4-ES HGF04R, R4-ES HGF10R, R4-ES HGF17R, R4-ES HGF20R, R4-ES HGH02R. Resicoat R4 black: R4-ES HNF04R & R4-FB HNC01R.

Resicoat R4 green: R4-FB HKC71R. Resicoat R8 blue: R8-ES HJF97R, R8-FB HJC37R & R8-FB HJC38R. Resicoat R2 blue R2-ES HJF5BR.

The following grades are manufactured at USA, Nashville:

Resicoat R4 blue: R4-ES HJ606R, R4-ES HJF10R, R4-ES HJF24R & R4-ES HJF42R.

Resicoat R4 red/red-brown: R4-FB HGC17R & R4-ES HGF17R.

Resicoat R4 green: R4-ES HKF47R.

The following grades are manufactured at Suzhou, China and (from January 2018) Changzhou, China:

Resicoat R4 blue: R4-FB HJC03R, R4-FB HJC06R, R4-FB HJC23R, R4-ES HJF01R, R4-ES HJF10R, R4-ES HJF13R, R4-ES HJF14R, R4-ES HJF22R, R4-ES HJF24R & R4-ES HJF42R.

Resicoat R4 red/red-brown: R4-ES HGF03R, R4-ES HGF04R & R4-ES HGF17R.

Resicoat R4 black: R4-ES HNF04R

Resicoat R2 blue: R2-ES HJF5BR.

The following grades are manufactured at Izmir, Turkey:  
Resicoat R2 blue: R2-ES HJF3D4 & R2-ES HJF4D4.

Resicoat R4 blue: R4-ES HJF1C4 & R4-ES HJF2C4.

The following grades are manufactured at Bangalore, India:  
Resicoat R4 blue R4-FB HJC06R.

Resicoat R2 blue: R2-ES HJF5BR.

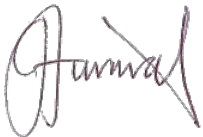
**APPROVAL NUMBER: 1701509**  
**APPROVAL HOLDER: AKZO NOBEL POWDER COATINGS GMBH**

The Scheme reserves the right to review approval.  
Approval 1701509 is valid between January 2017 and January 2022

An entry, as above, will accordingly be included in the Water Fittings Directory on-line under the section headed, "Materials which have passed full tests of effect on water quality".

The Directory may be found at: [www.wras.co.uk/directory](http://www.wras.co.uk/directory)

Yours faithfully



Jason Furnival  
Approvals & Enquiries Manager  
Water Regulations Advisory Scheme

## **WRAS MATERIAL APPROVAL - MATERIALS WHICH HAVE PASSED FULL TESTS OF EFFECT ON WATER QUALITY**

The material referred to in this letter is suitable for contact with water for domestic purposes. **Approval of this material does not signify the approval of its mechanical or physical properties for any use.**

Manufacturers or applicants may only quote in their sales literature terms which are used in this letter, namely that; 'the material as listed, having passed the tests of effect on water quality, is suitable for use in contact with wholesome water'

This may be abbreviated to 'Water Regulations Advisory Scheme - Approved Material' or 'WRAS Approved Material'.

The scope of an Approval does not extend to rebranded materials unless otherwise agreed by the Scheme.

### **Use of the WRAS Approved Material Logo**

Approval holders may use the WRAS Approved Material logo and make reference to any approval issued by WRAS Ltd. in respect of a particular material or range of materials provided the approval is, and remains valid.

Approval holders are entitled to use the logo on the packing, promotional literature and point of sale advertising Approved Materials.

### **Modifications to existing Approvals**

It is a condition of WRAS Material Approval that NO changes or modifications to the Approved Material, be made without the Approval Holder first notifying WRAS Ltd. Full details of the proposed changes must be provided to the Scheme. Failure to comply with this condition will immediately invalidate a previously granted Approval.

### **Re-Approval**

WRAS will write to you 1 year before the approval expires asking whether you would like to renew it. Please complete the relevant section of the MA3 application form which will be included with the letter and return to WRAS (via e-mail or post).

Please note it is the responsibility of the Approval Holder to ensure the Approval remains valid. WRAS Ltd. accepts no liability for the delay in granting approval where this is caused by circumstances outside of the Scheme's control.