

Our Ref: HL/M110333  
Test Report: M103927/A-D, M103991/A-D, M104740  
M104818, M104953 & M105037/A-C

1<sup>st</sup> December 2011  
Akzo Nobel Coatings GmbH.  
Markwiesenstrasse 50,  
72770 Reutlingen,  
Germany

**WATER REGULATIONS ADVISORY SCHEME (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 BS 6920-1:2000 '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 R4 factory applied, epoxy powder coatings. For use with water up to 85°C.

**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-ES HJF01R, 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.

**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 HGF22R RAL 3011, R4-ES HGH02R.

**Resicoat R4 black:** R4-ES HNF04R.

**Resicoat R4 green:** R4-FB HKC71R.

**Resicoat R4 grey.**

**APPROVAL NUMBER: 1112500**

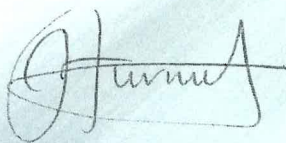
**APPROVAL HOLDER: AKZO NOBEL POWDER COATING GMBH.**

The Scheme reserves the right to review approval. This approval is valid between December 2011 and December 2016.

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**

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## **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**

The WRAS Approved Material logo is registered under the Trade Marks Acts 1994

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.