

Approval Number 2202530
Test Report: J-00398825, J-00398826, J-00398827, J-00398829.
J-00398830 & J-00398831



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

18th February 2022

Akzo Nobel Powder Coatings GmbH
Markwiesenstrasse 50
D72770 Reutlingen
Germany

**WATER REGULATIONS APPROVAL 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-FB HJC04R, R4-FB HJC06R, R4-FB HJC08R, 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 HJF22R, R4-ES HJF23R, R4-ES HJF26R, R4-ES HJF42R, R4-ES HJG05R, R4-ES HJG07R & 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-ES HJG13R.

Resicoat R2 blue: R2-ES HJF5BR & R2-ES HJF4ER.

The following grades are manufactured at CHANGZHOU, CHINA:

Resicoat R4 blue: R4-FB HJC03R, R4-FB HJC06R, R4-FB HJC08R, R4-FB HJC15R, R4-FB HJC23R, R4-FB HJC29R, R4-ES HJF01R, R4-ES HJF10R, R4-ES HJF13R, R4-ES HJF14R, R4-ES HJF22R & 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.

APPROVAL NUMBER: 2202530

APPROVAL HOLDER: AKZO NOBEL POWDER COATINGS GMBH

The Scheme reserves the right to review approval.

Approval 2202530 is valid between February 2022 and February 2027

An entry, as above, will accordingly be included in the Water Fittings Directory on-line under the section headed, "Materials which

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 Approval 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.

4. Applications

- 4.1 All applications for WRAS Approval must be submitted using the appropriate official WRAS Application form.
- 4.2 Applications for WRAS Material Approval for non-metallic materials must be supported by test certificates to BS 6920, instructions and data safety sheets where required.
- 4.3 All applications for a WRAS Product Approval must be supported by schematic diagrams, technical drawings, photographs of product and markings, and installation manuals where appropriate. These must illustrate the arrangement of the product, clearly showing the water supply connections, discharge points (including overflows and waste discharges) and the water pathway through the product.
- 4.4 Product Approval applicants must provide a schedule of materials. All component parts of a product (including solder, thread sealant tape, lubricant and grease) which come into contact with wholesome water must be listed.
- 4.5 The Application Form must include details of any Agents appointed by the Applicant detailing the scope of the Agent's authority. The Applicant takes responsibility for all acts of their Agent in connection with the Application / Approval and indemnifies WRAS for any losses incurred as a result of any breach of these T&Cs by the Applicant or its Agent(s).
- 4.6 Applications are valid for a period of 12 months from the date of which they are verified by the applicant, after which time confirmation will be required that the information provided is up-to-date.
- 4.7 WRAS reserves the right to reject an application if it has reasonable grounds to believe the terms and conditions and other scheme requirements will not be met.

5. Application Fees

- 5.1 WRAS charges an administration fee ("WRAS Fee") for processing an Application. Details of the WRAS Fee are available from WRAS website and can be confirmed on request. Where applicants are using a Recognised Test Laboratory to project manage their application, WRAS will collect this fee from the Recognised Test Laboratory. In such cases, this fee is usually included in the charges made by the Recognised Test Laboratory to the Applicant, but it is the Applicant's responsibility to confirm this and to ensure that the WRAS Fee is discharged in full.
- 5.2 The Applicant will commit to pay WRAS fees within 30 days of the invoice. This includes surveillance fees and any third-party payments e.g. bank charges and additional courier charges. WRAS shall apply an additional administration fee for processing third party payments. Approval may be suspended if payment is not received on time. New applications will not be processed until overdue debts are paid.
- 5.3 The Applicant accepts responsibility for any import duties for samples supplied.

6. Termination

- 6.1 Either party may close an application at any time upon giving the other party written notice.
- 6.2 In the event that an applicant withdraws an application they shall pay to WRAS all sums due or committed up to the date of withdrawal.
- 6.3 Termination of this agreement shall not affect the rights and liabilities of either party accrued prior to termination.

7. Intellectual Property and Ownership of documents

- 7.1 All intellectual property owned by either party or any third independent party shall remain exclusively the property of the owner.
- 7.2 The Applicant grants to WRAS a perpetual, world-wide, non-exclusive, royalty-free licence to use any materials supplied by or on behalf of the Applicant for the purpose of administering the Scheme and exercising WRAS's rights and performing WRAS's obligations under this agreement. This licence includes the right to copy and modify the licenced materials, and to grant sub licences.
- 7.3 Subject to any confidential information or other intellectual property belonging to the Applicant, all application forms are the property of WRAS.

8. Confidentiality

- 8.1 Subject to the remaining terms of this clause 8, both WRAS and the Applicant undertake not to divulge to any third party, any information which was designated as confidential by the other party at the time it was made available ("Confidential Information"), without prior written consent of that other party.
- 8.2 WRAS may make information relating to granted and expired Approvals available to the Water Companies. This includes information which is, or was, published in the public directory and photographs that could help to identify a product. This includes the dates any modifications, suspensions or withdrawals were implemented.
- 8.3 WRAS may publish in the Directory any information that these T&Cs, the Scheme Requirements, or any of the other Scheme documents state will be published in the Directory. Any information that is published in the Directory shall be treated as being in the public domain even after the expiry, suspension or withdrawal of an Approval.
- 8.4 It is acknowledged and agreed that WRAS shall be entitled to retain all information provided by an Applicant for the entire duration of the Approval Period (including any renewal period granted by WRAS) and for up to seven years following the expiry of any granted Approvals. This includes, but is not limited to, test results and analyses of Confidential Information, provided that the Confidential Information is kept secure at all times.
- 8.5 Nothing in this agreement shall prevent a party from disclosing or otherwise using information if (i) the information is in, or enters, the public domain other than as a result of a breach of this agreement, (ii) the information was known to that party prior to receiving it from the other party, (iii) the information is received from a third party not subject to a duty of confidentiality, or (iv) such disclosure or use of the information is required by any rule of law or the order or direction of a court or regulatory body of competent jurisdiction, or (v) such disclosure is permitted by any other term of this agreement.

19. Secondary Approvals

- 19.1. Applicants for Secondary Approvals do not need to be the Primary Approval holder. In all circumstances the Applicant must obtain the written consent of the Primary Approval holder before submitting an application for a Secondary Approval.
- 19.2. Any changes made to a Primary Approval (including the withdrawal of that Approval) shall automatically apply to any Secondary Approval based on that Primary Approval. WRAS shall notify the Secondary Approval holder of the change, but shall not be obliged to disclose the reasons for the change.

20. Registered Certification Marks

- 20.1. The "WRAS Approved Product" and "WRAS Approved Material" logos are certification marks registered under the Trade Marks Acts 1994 ("Certification Marks"). Approval Holders shall be entitled to use the Certification Marks upon the licence terms set out in this clause 20 ("Licence Terms"). The Brand Guidelines can be found on the WRAS Website.
- 20.2. The Approval Holder acknowledges that WRAS is the owner of the Certification Marks and the Approval Holder shall not do anything which may be taken to indicate the Approval Holder has any right or interest in the Certification Marks other than as set out in these T&Cs.
- 20.3. Prior to an Approval being granted Applicants shall not use the Certification Marks or the WRAS name or logo in any publication or suggest or imply any endorsement of a particular product or range of products by the Scheme either verbally, in writing or by any other means.
- 20.4. Approval Holders may use the Certification Marks only in respect of those Approved Products listed in the Approval Letter and only for the duration of the Approval Period applicable to those Approved Products. Where Approval has lapsed or is withdrawn, the Approval Holder must immediately stop using the Certification Marks in relation to the relevant Product.
- 20.5. Subject to the rest of these Licence Terms, Approval Holder may use the Certification Marks on the packaging, promotional literature and point of sale advertising for the relevant Approved Products.
- 20.6. If the Approval Holder's right to use the Certification Marks in relation to a Product ends then the Approval Holder must remove the Certification Mark from or destroy the packaging, promotional literature, point of sale advertising and any other materials relating to that Product. The Approval Holder shall ensure that its Factors also comply with this clause 20.6.
- 20.7. Where a Certification Mark is used, it must be replicated without adaptation or alteration, save that reproducing the logo in black and white as opposed to colour is permissible.
- 20.8. The Certification Marks may only be used in connection with a product range where each individual product and/or material and/or component within that product range has been granted individual WRAS Approval.
- 20.9. The Approval Holder shall inform its Factors and agents that any Modification or other alteration to the Approved Product may invalidate the Approval and shall inform WRAS of any Modification or other alteration as soon as this comes to the Approval Holder's attention.
- 20.10. The Approval Holder shall not sub-licence, assign, transfer or otherwise deal with the Certification Marks other than on these Licence Terms.
- 20.11. The Approval Holder shall adhere to the terms of all brand guidelines issued by WRAS from time to time. Failure to comply with all brand guidelines will immediately invalidate a previously granted Approval.
- 20.12. The Approval Holder at all times remains responsible for the correct use of the Certification Marks by its Factors.

21. Complaint Management

- 21.1. The Approval Holder shall be required to keep a record of all the complaints made known to it in respect of an Approved Product during the validity of the Approval, and retain such record for ten years from the end of that period. The Approval Holder shall provide WRAS with a copy of the record referred to in clause 21.1 upon WRAS's request at any time during the period the Approval Holder is required to keep and retain that record.

22. WRAS Approval Schemes Sanctions

- 22.1. WRAS reserves the right to suspend, amend or withdraw an Approval or to amend or remove details of it from the WRAS Product and Materials Directory in the following circumstances:
- i where there has been a breach by the Applicant / Approval Holder of any of its obligations detailed in the Scheme Requirements or any other provision of these T&Cs;
 - ii where WRAS considers this necessary as result of a change in any relevant law, regulation, specification, standard or any other requirement which affects the issue of WRAS Approvals.
 - iii where WRAS is no-longer satisfied that the relevant Product or material complies with Regulation 4(1)(a), Schedule 2 paragraph 2 of the Regulations or the Scheme Requirements.
- 22.2. WRAS reserves the right to notify the Water Companies of suspensions, amendments and withdrawals.
- 22.3. At its sole discretion, WRAS may publish details of the withdrawal, amendment or suspension of an Approval.

24. Complaints

- 24.1. WRAS has a complaints process for the resolution of disputes regarding decisions that WRAS makes on the following matters:
- i Refusal to grant an Approval,
 - ii Suspension or withdrawal of an Approval
 - iii Conditions attached to an Approval,
 - iv Other aspects of the WRAS Approval Scheme,
- 24.2. If the Applicant / Approval Holder disputes a decision that is subject to the complaints process the Applicant / Approval holder agrees to refer the dispute to the complaints process. The Applicant / Approval holder shall not seek any other remedy (including commencing any court proceedings) until the Applicant / Approval holder has exhausted the complaints process.
- 24.3. To refer a dispute to the complaints, process the Applicant / Approval Holder shall notify the WRAS Approvals Manager in writing setting out why the Applicant / Approval Holder disputes the relevant decision.
- 24.4. Where a dispute is referred to the complaints process WRAS and the Applicant / Approval Holder shall comply with the following process:

Stage 1: The WRAS Approvals Manager will review the complaint and take such action as he or she considers appropriate to resolve the complaint.

Stage 2: Where the Applicant / Approval Holder is not satisfied with the outcome of Stage 1, the Applicants/Approval Holders shall write to the Managing Director of WRAS setting out details of the complaint and why the Applicant / Approval Holder is not satisfied with the outcome of Stage 1. The Managing Director shall review the complaint and take such action as he or she considers appropriate to resolve it.

Stage 3: If an Applicant/Approval Holder is dissatisfied with the way a complaint has been dealt with by the Managing Director, the Applicant/Approval Holder shall request a review by the WRAS Chairman. The Chairman may appoint a panel with relevant experience to investigate the complaint and make a recommendation. The WRAS Chairman shall take such action as he or she considers appropriate to resolve the complaint.

Each stage of the complaints process shall be complete when the WRAS decision-maker responsible for that stage provides a written notice to the Applicant / Approval Holder setting out the action he or she considers appropriate to resolve the complaint and confirming that stage of the complaints process has been completed.

25. Impartiality

- 25.1. WRAS shall ensure that it and its staff comply with its Impartiality Policy (WRAS.Admin-103) in relation to each Application and Approval.

26. Revisions to the Scheme documents

- 26.1. WRAS may amend these T&Cs and the Scheme Requirements from time to time. Such amendments shall take effect between WRAS and the Approval Holder when the Approval Holder completes the annual Approval self-declaration process referred to in the Scheme Requirements, except where clause 26.2 applies.
- 26.2. If WRAS amends these T&Cs or the Scheme Requirements in order to reflect changes in applicable law or regulation or ISO/EN 17065 then such amendment shall take effect on the date that WRAS gives the Applicant / Approval Holder written notice or publishes the amended document at www.wras.co.uk (whichever is sooner).

27. General

- 27.1. Any decision, requirement or notification under these T&Cs shall be given by in writing (which shall include email) by or on behalf of the party giving it.
- 27.2. WRAS will not be liable or responsible for any failure to perform, or delay in performance of any of its obligations to Applicants or Approval Holders that is caused by an Event Outside Our Control.
- 27.3. These T&Cs and any disputes or claims arising out of or in connection with them or their subject matter (including non-contractual disputes or claims) shall be governed by, and construed in accordance with the laws of England and Wales and the parties irrevocably submit to the exclusive jurisdiction of the courts of England and Wales.

28. Severance

- 28.1. If any provision or part-provision of this agreement is or becomes invalid, illegal or unenforceable, it shall be deemed deleted, but that shall not affect the validity and enforceability of the rest of the agreement.
- 28.2. If any provision or part-provision of this agreement is deemed deleted under clause 28.1 the parties shall negotiate in good faith to agree a replacement provision that, to the greatest extent possible, achieves the intended commercial result of the original provision.