

Approval Number 2103506  
Test Report: MA7192/U



18<sup>th</sup> March 2021

Saint-Gobain Pipelines Co Ltd (Maanshan)  
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Ci Hu,  
Maanshan,  
An Hui,  
PR China PC 243052

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

**WATER REGULATIONS ADVISORY SCHEME LTD. (WRAS)  
CONSECUTIVE 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**

`BFSC MAS S&MDN 20`. Factory applied, grey coloured, blast furnace slag cement mortar.

Mix sand and cement in a mass ratio of 2.35:1. Add water to give a mass ratio of 1:0.45 (cement:water). Cure first time for 7 hours@70°C. Cure second time for 12 hours@70°C.

For use with water up to 60°C.

This material is only approved for the mixing and curing conditions that appear on the approval. If the mix and/or cure conditions are varied from those specified on the approval then the material is not covered by the scope of the approval.

**APPROVAL NUMBER: 2103506**

**APPROVAL HOLDER: SAINT-GOBAIN PIPELINES CO LTD (MAANSHAN)**

This is a re-approval of 1602541 which is valid between February 2016 and February 2021.

The Scheme reserves the right to review approval.

Approval 2103506 is valid between March 2021 and March 2026

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.wrasapprovals.co.uk/approvals-directory/](http://www.wrasapprovals.co.uk/approvals-directory/)

Yours Faithfully

A handwritten signature in blue ink, appearing to read 'Ian Hughes', with a stylized flourish at the end.

**Ian Hughes**  
**WRAS Approvals Manager**

## **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.