

Approval Number: 1604550  
Test Report: MA5471/M1 & MA5471/M3



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

8<sup>th</sup> August 2018

Index Tecnicas Expansivas, S.L.  
P.I. La Portalada II C. Segador 13,  
26006 Logrono,  
Spain

**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.

**RESIN ANCHORS**

**5311**

'MO-H' & 'MO-HS'. Site applied, two part, grey coloured anchor resins.

'MO-H' is grey coloured when mixed and consists of Part A (shiny white liquid) & Part B (shiny black liquid). Mix part A:B in a ratio of 10:1 by volume and apply as per label: 'MO-H Hybrid Resin, Cod. MOH410'. Only two cure conditions are covered by the scope of this approval: 145 minutes at 5°C and 40 minutes at 30°C.

'MO-HS' is light grey coloured when mixed and consists of Part A (shiny grey coloured liquid) & Part B (shiny off-white coloured liquid). Mix part A:B in a ratio of 10:1 by volume and apply as per label: 'MO-HS Hybrid Resin, Cod. MOHS410'. Only two cure conditions are covered by the scope of this approval: 5 hours at 15°C and 40 minutes at 40°C.

These materials are only approved for the curing conditions that appear on the approval. If the cure conditions are varied from those specified on the approval then the materials are not covered by the scope of the approval.

For use only as a resin anchor having been tested at a reduced surface area to volume ratio of 1,000mm<sup>2</sup> per 1 litre of water.

Both materials are for use with water up to 60°C.

**APPROVAL NUMBER: 1604550**

**APPROVAL HOLDER: INDEX TECNICAS EXPANSIVAS, S.L.**

The Scheme reserves the right to review approval.  
Approval 1604550 is valid between April 2016 and April 2021

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

A handwritten signature in black ink, appearing to read 'Jason Furnival', written in a cursive style.

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.