

Our Ref: HL/M1304031  
Test Report: MAT/LAB 558G

20<sup>th</sup> January 2014



Dalau Ltd.  
Ford Road,  
Clacton on Sea,  
Essex,  
CO15 3DZ

**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.

**POLYTETRAFLUOROETHYLENE (PTFE) – MATERIAL ONLY**

**5295**

Dalcon 001. White coloured, compression moulded and extruded virgin PTFE material. For use with water up to 85°C.

**APPROVAL NUMBER: 1408502**  
**APPROVAL HOLDER: DALAU LTD.**

This is a re-approval of 0907538 which is valid between July 2009 and July 2014.  
The Scheme reserves the right to review approval.  
Approval 1408502 is valid between August 2014 and August 2019.

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', is written over a light blue dotted line.

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**

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.

**MATERIALS WHICH HAVE PASSED FULL TESTS OF EFFECT ON WATER QUALITY AND ARE USED IN THE MANUFACTURE OF WATER FITTINGS AND WATER INSTALLATIONS AND IN THEIR ASSEMBLY, CONNECTION, DISCONNECTION AND REPAIR.**

The material or product referred to in this letter is suitable for contact with, and for the manufacture of components of water fittings for use in contact with water for domestic purposes. 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. Certain products are approved in the full knowledge that for many plastic materials and natural and synthetic rubbers, variations in curing times and temperatures may have a significant effect on water quality. The right is reserved to require the testing of components made from any of these materials before listing those components if the scheme has any reason to believe that they differ from the materials originally tested and listed.

Entries in the Directory on-line relating to components made from listed materials are included on the understanding that the components are made of precisely the same materials as the test samples without any modification and without the addition or substitution of any ingredients, and that, as applicable, the curing times and temperature shall be as nearly as possible those recommended by the manufacturers of the materials or products and used for the production of test samples.

In order to avoid their affecting water quality, materials must be allowed to cure at the correct temperature for the necessary length of time. This cannot always be achieved where materials are mixed on site, often in approximate proportions, and cured in situ often under cold, ill-ventilated conditions. Entries relating to products or products produced under properly controlled factory conditions, cannot be guaranteed to apply to site conditions.