

ADHESIVOS KEFRÉN, S.A.

Polígono Industrial Las Atalayas, Parcela 148.
03114 Alicante (ESPAÑA)
Telf. +34 965 116 961 - Fax: +34 965 116 962
E-mail: kefren@adhesivoskefren.com
www.adhesivoskefren.com



DECLARATION OF PERFORMANCE DOC. N° 001/DP/130506

In compliance with EU Regulation (EU): No 305/2011
(Construction Product Regulation)

1. Unique identification code of the product-type:

KEFREN PVC ST-47. PVC-U Adhesive for thermoplastic piping systems

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):

KEFREN PVC ST-47 (see batch number on the can).

3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

PVC-U Adhesive for thermoplastic piping systems for fluids under pressure in installations for the transport/disposal/storage of water not intended for human consumption

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

ADHESIVOS KEFREN, S.A. P. I. Las Atalayas, Parcela 148. 03114 Alicante, SPAIN.

5. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:

SYSTEM 4

6. Declared performance: PVC-U adhesives in cold water. Applications for PVC pipes NP 16.

Essential characteristics	Performance	Harmonized technical specification
Shear strength at 1 h setting time	≥ 0,40 MPa	EN 14814 / EN ISO 9311-2
Shear strength at 24 h time	≥ 1,5 MPa	EN 14814 / EN ISO 9311-2
Shear strength at 480 h time	≥ 7,0 MPa	EN 14814 / EN ISO 9311-2
Pressure resistance at (20±2) at 51,2 bar	≥ 1 000 h. No leakage	EN 14814
Pressure resistance at (40±2) at 20,8 bar	≥ 1 000 h. No leakage.	EN 14814

Essential characteristics	Performance	Harmonized technical specification
Shear strength at 1 h setting time	≥ 0,25 MPa	EN 14680 / EN ISO 9311-2
Shear strength at 24 h time	≥ 1,5 MPa	EN 14680 / EN ISO 9311-2
Shear strength at 480 h time	≥ 3,0 MPa	EN 14680 / EN ISO 9311-2
Tightness/resistance to high temperature cycles	≥ 1 000 h. No leakage	EN 14680 / EN 1055
Resistance to high temperature cycles	≥ 1 000 h. No leakage.	EN 14680 / EN 1055
Durability in sealing and resistance to temperature	≥ 1 000 h. No leakage.	EN 14680 / EN 1055

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7. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.
8. For more information regarding the aspects related to the Regulation "REACH", request the Material Security Data Sheet.
9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.



Alicante, 6th May 2013.
ADHESIVOS KEFREN, S.A.
Juan C. Fernández
TECHNICAL MANAGER

ADHESIVOS KEFRÉN, S.A.

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DECLARATION OF PERFORMANCE DOC. N° 001/DP/190507

In compliance with EU Regulation (EU): No 305/2011
(Construction Product Regulation)

1. Unique identification code of the product-type:

KEFREN PVC WRAS. PVC-U Adhesive for thermoplastic piping systems

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):

KEFREN PVC WRAS (see batch number on the can).

3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

PVC-U Adhesive for thermoplastic piping systems for fluids under pressure in installations for the transport/disposal/storage of water not intended for human consumption

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

ADHESIVOS KEFREN, S.A. P. I. Las Atalayas, Parcela 148. 03114 Alicante, SPAIN.

5. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:

SYSTEM 4

6. Declared performance: PVC-U adhesives in cold water. Applications for PVC pipes NP 16.

Essential characteristics	Performance	Harmonized technical specification
Shear strength at 1 h setting time	≥ 0,40 MPa	EN 14814 / EN ISO 9311-2
Shear strength at 24 h time	≥ 1,5 MPa	EN 14814 / EN ISO 9311-2
Shear strength at 480 h time	≥ 7,0 MPa	EN 14814 / EN ISO 9311-2
Pressure resistance at (20±2) at 51,2 bar	≥ 1 000 h. No leakage	EN 14814
Pressure resistance at (40±2) at 20,8 bar	≥ 1 000 h. No leakage.	EN 14814

Essential characteristics	Performance	Harmonized technical specification
Shear strength at 1 h setting time	≥ 0,25 MPa	EN 14680 / EN ISO 9311-2
Shear strength at 24 h time	≥ 1,5 MPa	EN 14680 / EN ISO 9311-2
Shear strength at 480 h time	≥ 3,0 MPa	EN 14680 / EN ISO 9311-2
Tightness/resistance to high temperature cycles	≥ 1 000 h. No leakage	EN 14680 / EN 1055
Resistance to high temperature cycles	≥ 1 000 h. No leakage.	EN 14680 / EN 1055
Durability in sealing and resistance to temperature	≥ 1 000 h. No leakage.	EN 14680 / EN 1055

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7. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.
8. For more information regarding the aspects related to the Regulation "REACH", request the Material Security Data Sheet.
9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.



Alicante, 7th May 2019.
ADHESIVOS KEFREN, S.A.
Juan C. Fernández
TECHNICAL MANAGER

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DECLARATION OF PERFORMANCE DOC. N° 001/DP/130506

In compliance with EU Regulation (EU): No 305/2011
(Construction Product Regulation)

1. Unique identification code of the product-type:

KEFREN PVC. PVC-U Adhesive for thermoplastic piping systems

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):

KEFREN PVC (see batch number on the can).

3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

PVC-U Adhesive for thermoplastic piping systems for fluids under pressure in installations for the transport/disposal/storage of water not intended for human consumption

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

ADHESIVOS KEFREN, S.A. P. I. Las Atalayas, Parcela 148. 03114 Alicante, SPAIN.

5. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:

SYSTEM 4

6. Declared performance: PVC-U adhesives in cold water. Applications for PVC pipes NP 16.

Essential characteristics	Performance	Harmonized technical specification
Shear strength at 1 h setting time	≥ 0,40 MPa	EN 14814 / EN ISO 9311-2
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Essential characteristics	Performance	Harmonized technical specification
Shear strength at 1 h setting time	≥ 0,25 MPa	EN 14680 / EN ISO 9311-2
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Shear strength at 480 h time	≥ 3,0 MPa	EN 14680 / EN ISO 9311-2
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Durability in sealing and resistance to temperature	≥ 1 000 h. No leakage.	EN 14680 / EN 1055

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7. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6.
8. For more information regarding the aspects related to the Regulation "REACH", request the Material Security Data Sheet.
9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.



Alicante, 6th May 2013.
ADHESIVOS KEFREN, S.A.
Juan C. Fernández
TECHNICAL MANAGER

Approval Number: 1906564



15th October 2019

Adhesivos Kefren, S.A.
Pol. Industrial Las Atalayas,
Calle Dolar,
Parcela 148,
03114 Alicante,
Spain

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

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.

SOLVENT CEMENTS

5560

'Kefren PVC Cement'. Clear (transparent) solvent cement intended to join PVC pipe and fittings. Apply as per manufacturers technical data sheet. Cure for 48 hours@23°C. For use with water up to 23°C.

This material is 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 material is not covered by the scope of the approval.

APPROVAL NUMBER: 1906564

APPROVAL HOLDER: ADHESIVOS KEFREN, S.A.

The Scheme reserves the right to review approval.
Approval 1906564 is valid between June 2019 and June 2024

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

Yours faithfully

A handwritten signature in black ink, appearing to read 'J 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.