



# Pentra-Cure™ (PW) Paraffin Wax

Convergent Group S.A.

Specialty Chemical Concrete  
Treatments Commercial

Products Group  
Zoning Industriel de Mariembourg  
Rue des Mousquetaires Gris, 35  
B-5660 Mariembourg  
Belgium - Europe  
Office: +32 60 390 752  
Fax: +32 60 390 751

[www.convergent-group.com](http://www.convergent-group.com)



## PRODUCT DESCRIPTION

The VOC-compliant, ready-to-use **Pentra-Cure™ (PW)** agent forms membranes and cures emulsified paraffin wax concrete by forming a barrier against moisture loss, without staining concrete surfaces.

In a sprayable liquid form, it offers good water retention performance for use on interior and exterior concrete surfaces.

## KEY BENEFITS

- Good moisture retention properties
- Very low odor for interior applications
- Water-borne
- VOC compliant

## USES

For all newly placed concrete, including commercial, institutional, office, business, restaurants, prisons, retail, schools, sports venues and more.

Convergent "Flooring Division's products  
are distributed Exclusively in South Africa  
by Technical Finishes KZN (Pty)Ltd.

41 Circuit Rd, Westmead, Pinetown, 3610  
South Africa  
Cell: 083-524 3879  
Fax: 031-705 6432  
[info@technicalfinishes.com](mailto:info@technicalfinishes.com)



**CUSTOMER SERVICE:**

(+32 60 390 752) to verify the most current versions, visit our website: [www.convergent-group.com](http://www.convergent-group.com) or scan the code.

**APPLICATION**

Before application, always do a small test sample in a less-visible area to be sure there are no variables or contaminants in the substrate that may be incompatible with this product.

**Mixing:** (DO NOT DILUTE.) Stir thoroughly prior to use. Do not thin or dilute. Do not over-agitate with compressed air or recirculating pump. Application equipment must be clean and free of foreign materials. Apply **Pentra-Cure™ (PW)** immediately after all surface water has disappeared and surface cannot be marred and after the cuts have been completed. Remove all dust and dirt prior to applying the **Pentra-Cure™ (PW)**. Application of **Pentra-Cure™ (PW)** too early or too late can affect the overall curing performance. Use low pressure spray, roller or brush. Apply uniformly without puddles. Spray in a uniform coat pattern and try not to overlap coats, which can cause darkening. Recommend termination at saw cuts.

**DO NOT OVER APPLY OR APPLY SECOND COATS**

Apply the product at a rate of 9,8 - 14,7 m<sup>2</sup>/L. Use a low pressure sprayer to apply a uniform layer on the surface.

Do not puddle. Allow 1-2 days to completely dry before accessible to traffic.

After 28 days, use an auto-scrubber, black pads and water to remove any remaining cure material.

**ESTIMATED COVERAGE**

Applied at a rate of 9,8 - 14,7 m<sup>2</sup>/L.

**Coverage:** Broomed surface: 9,8 m<sup>2</sup>/L. Troweled surface: 14,7 m<sup>2</sup>/L.

**Drying Time:** Depends on weather conditions and coverage, but generally dries in 1-3 hours at 21°C. Drying times may be extended depending on application rate, temperature, humidity and project conditions. Restrict foot traffic for at least four hours, although twelve hours is preferable.

**CLEAN UP**

Wash equipment with soap and water. Although **Pentra-Cure™ (PW)** is non-toxic and environmentally friendly, it is slightly alkaline. Use the material completely or dry it out and dispose of properly per local regulations. Do not pour down sanitary sewers or into storm drains.

## SAFETY/HEALTH INFORMATION

KEEP OUT OF REACH OF CHILDREN. This product is alkali. Do not drink. If swallowed, do not induce vomiting, drink 2 glasses of water and call physician. Keep container closed tightly when not in use. Wear goggles and gloves. If splashed in eyes, rinse eyes immediately with clean water and call a physician if irritation persists. **Pentra-Cure™ (PW)** will dry out and irritate the skin. Clean skin with soap and water promptly.

**CAUTION:** Surfaces wet with **Pentra-Cure™ (PW)** may be slippery. Additional precautions, safety information and first aid treatments are contained in the Material Safety Data Sheet

## PROPERTIES

|                   |   |
|-------------------|---|
| Specific Gravity: | 1.00  |
| pH:               | 7.5 - 9                                       |
| VOC Content:      | <92g/L  |
| Flash Point:      | N/A   |
| Freeze Point:     | 0°C   |
| Shelf Life:       | 6 months in unopened factory sealed container |

## PACKAGING

25 L Plastic Pail  
50 L Mini Drum  
200 L Drum  
1000 L Tote (IBC)

## LIMITATIONS

Do not apply when ambient or concrete surface temperatures are below 4°C. Do not apply with a squeegee. Apply proper amount for jobsite conditions. Product will not protect a slab from damage by rain immediately after placement. Rain may wash product from slab before it can cure properly. Product will not fill voids or surface defects. Product will not remedy poor finishing, deficient mix design, or placement defects. In adverse conditions, follow all ACI guidelines (cold or hot weather concrete placement). Surfaces treated with **Pentra-Cure™ (PW)** may become slippery under certain conditions or until dry.

**TECHNICAL SERVICE**

Customer Care  
+32 60 390 752

**EMAIL**

technical@convergent-group.com

**WEB**

www.convergent-group.com

**For chemical/medical emergencies only,**

Anti Poison BE +32 70 245 245  
Outside USA 352-323-3500

**WARRANTY**

**LIMITED WARRANTY NOTICE.** Every reasonable effort is made to apply exacting standards both in the manufacture of our products and in the information that we issue concerning these products and their use. We warrant our products to be of good quality and will replace or, at our election, refund the purchase price of any products proved defective. Satisfactory results depend not only upon quality products, but also upon many factors beyond our control. Therefore, except for such replacement or refund, CONVERGENT GROUP S.A. ("CONVERGENT") MAKES NO WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY, RESPECTING ITS PRODUCTS, and CONVERGENT shall have no other liability with respect thereto. Any claim regarding product defect must be received in writing within one (1) year from the date of shipment. No claim will be considered without such written notice or after the specified time interval. User shall determine the suitability of the products for the intended use and assume all risks and liability in connection therewith. Any authorized change in the printed recommendations concerning the use of our products must bear the signature of CONVERGENT'S Research Director. This information and all further technical advice are based on CONVERGENT'S present knowledge and experience. However, CONVERGENT assumes no liability for providing such information and advice including the extent to which such information and advice may relate to existing third party intellectual property rights, especially patent rights. In particular, CONVERGENT disclaims all WARRANTIES, WHETHER EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY. CONVERGENT SHALL NOT BE RESPONSIBLE FOR CONSEQUENTIAL INDIRECT OR INCIDENTAL DAMAGES (INCLUDING LOSS OF PROFITS) OF ANY KIND. CONVERGENT reserves the right to make any changes according to technological progress or further developments. It is the customer's (Authorized Applicator) responsibility and obligation to carefully inspect and test any incoming goods. Performance of the product(s) described herein should be verified by testing and carried out only by qualified experts. It is the sole responsibility of the customer to carry out and arrange for any such testing. Reference to trade names used by other companies is neither a recommendation, nor an endorsement of any product and does not imply that similar products could not be used. CONVERGENT reserves the right to change specifications referred to in this literature at any time, without prior notice. The information contained herein is, to our knowledge, true and accurate. While this material is furnished in good faith, no warranty expressed or implied, of merchantability, completeness, fitness or otherwise is made. This material is offered only for your consideration, investigation and verification, and CONVERGENT disclaims any liability incurred from the use thereof and shall not in any event, be liable for any special, incidental or consequential damages arising from such use. This information is not intended to be all inclusive and the manner and conditions of use and handling of any material may involve other or additional considerations specific to the use or user. Nothing herein should be construed as permission or recommendation to infringe any patent or as to any specific use. No agent, representative or employee of this company is authorized to vary any term of this notice.



Refer to [www.convergent-group.com](http://www.convergent-group.com) for latest Technical Data Sheet and MSDS.

Convergent Group S.A. - Specialty Chemical Concrete Treatments \* ZI de Mariembourg \* Rue des Mousquetaires Gris, 35 \* 5660 Mariembourg  
\* Belgique (Europe) \* +32 60 390 752

**UNIQUE STRENGTHS, UNMATCHED PERFORMANCE.™**

©2014 Convergent Group S.A. All Rights Reserved.

Pentra-Cure™ (PW) is a registered trademark of Convergent Group S.A. Nano-Lithium® brand name and logo are registered trademarks of Advanced Concrete Technologies, LLC ("ADVAN") and sub-licensed to Convergent Group S.A., under a non exclusive co-brand/technology license. All rights reserved. Products manufactured and marketed by CONVERGENT GROUP S.A. are protected by patents and/or pending patents under license in the United States and other countries by ADVANCED CONCRETE TECHNOLOGIES, LLC. ADVANCED CONCRETE TECHNOLOGIES, LLC makes no claim as to the product performance or product shown to be other than as warranted. REVISION DATE 081114