



# TECHNICAL INFORMATION

## TOTALLY DEFEND PEN-X

### *PENETRATING SOLVENT BASED SEALER*

- Enhance
- Protect
- Extend

PEN-X enhances, protects and extends the life of external decorative surfaces. With rich colour enhancing properties, the natural aesthetic and appeal of the honed surface is improved and maintained. Keeping surfaces attractive for longer.

This single pack, solvent based, concrete sealer is easy to use, creating a resilient surface, protecting it from UV, dirt ingress, mould/algae, and other staining agents.

#### FEATURES:

- Optimised sealer for outdoor applications
- Easy to apply as a single component
- Fast curing time
- Quick re-coat time
- Colour enhancing
- High coverage rates
- Highly durable
- Excellent adhesion to concrete surfaces
- Non-yellowing, non-caulking, non-blushing product
- Semi gloss finish
- Clear
- Can be thinned up to 30% for first coat
- Available in 20L





## CHEMICAL PROPERTIES:

<b>Category</b>	Single part solvent-based acrylic
<b>Colour</b>	Clear
<b>Gloss Level</b>	Semi-Gloss
<b>Touch Dry</b>	Approx. 25 minutes @ 25 degrees Celsius
<b>Pot Life</b>	Up to 45 minutes ( <i>depending on relative temperature &amp; humidity</i> )
<b>Recoat</b>	2hrs @ 25 degrees Celsius
<b>Full Cure</b>	4-7 days
<b>Coverage</b>	Up to 8m <sup>2</sup> per litre ( <i>depending on porosity of concrete</i> )
<b>Shelf Life</b>	24 months

## RANGE OF APPLICATIONS:

- Concrete
- Masonry
- Blockwork

## SURFACE PREPARATION:

Surface must be dry & prepared, to be clean and free from oil, dirt, waxes and any other contaminants that may interfere with bonding, prior to application.

## APPLICATION INSTRUCTIONS:

- It is advised that prior to use on any surface, a small test area should be prepared to observe drying time, coverage rate of material and finished colour.
- Temperature range for optimal application 10-35 degrees. Surfaces should not be hot from floor heating or direct sunlight.
- Avoid installation during windy conditions.
- Best results are achieved using at least 10mm – 15mm nap micro fibre roller.
- Product can be sprayed using solvent resistant sprayer.
- If spraying, first coat must be thinned by 30% with Xylene. It is recommended that if spraying, a second and third coat of undiluted product be applied.
- Ensure to always keep a “wet edge” when rolling over an already sealed area to avoid overlap marks.



T 1300 897 873

E [contact@totallyworks.com](mailto:contact@totallyworks.com)

W [www.totallyworks.com](http://www.totallyworks.com)

A 56 Jersey Road, Bayswater VIC 3153

WORX PLUS PTY LTD

ABN: 36 664 352 229

ACN: 664 352 229



- Do not apply if rain or dew expected within 3 hours of application.
- At temperatures below 25 degrees Celsius and over 50% humidity, drying times will be extended.
- If sealing exposed aggregate / pavilion finish concrete surfaces, thinning is not normally required due to the porosity of the concrete.
- Recoating can normally be performed following 1hr dry time, however, 3-4hrs is preferable.

## CLEAN UP

Xylene.

## SAFETY MEASURES:

- Always use as outlined in product Safety Data Sheet.
- Appropriate PPE. Respiratory, hand, skin and eye protection, must be used in conjunction with this product.

## DISCLAIMER:

All information presented in this document is based on experience gained from either WORX+ in-house testing and R&D or observations made by end users and reflects the best of our knowledge to date.

Due to the range of variables present and often unique to any give application environment, the information presented in this document along with other written or verbal information that may be supplied regarding this product, should be viewed as non-binding and a guide only. Purchasers should always perform their own tests to assess product suitability for the given application & environment.



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