



## Pieri® Cure & Fix Water-based Curing Compound for screeds, paving and slabs

### Description

#### Curing of concrete and mortar:

To limit premature water evaporation during hardening.  
The advantages are:

- Less cracking,
- Less surface dusting,
- Better abrasion resistance,
- Reduced porosity.

#### Coatability:

Can be coated with products like paint, floor tiles glue, resurfacing product, etc. without mechanical cleaning (brushing, grinding, sandblasting, etc.).

### Mode of Action

Pieri® Cure & Fix is an aqueous phase product. The rapid breakdown of emulsion when in contact with the concrete or the cement screed ensures the formation of a continuous film, which is impermeable to water vapour. The hydration of the cement can continue normally until complete hardening of the concrete or mortar.

The perfect adherence of the curing product on the surface and its non-stick effect allow it to be coated without being cleaned.

### Applications

Pieri® Cure & Fix should only be applied on:

- On sand/cement screeds of slabs made in compliance with BS 8204-1,
- On concrete slabs made in compliance with BS 8204-2 covered, on flat surfaces.

### Directions For Use

Ready-to-use, shake the product before use.

To be used undiluted on concrete slabs.

Possible dilution: with 20% of water when used on sand/cement screeds poured indoors, in a closed environment, with no drafts and away from direct sunlight (as per technical evaluation documents in force).

Spray a thin regular film (pressure: 2 bars – flat fan) on concrete or mortar immediately after it has been placed.

Coverage rate: 200 to 250 g/m<sup>2</sup> i.e. 4 to 5 m<sup>2</sup>/l in one layer. Clean the equipment with water before it dries.

The product is white when applied and forms a clear film when dry. The appearance can be more or less a satin finish depending on volume applied.

### Recommendations

It is not recommended to use Pieri® Cure & Fix on:

- Uncovered outdoors floors: Surface might get a yellow tint under the action of UV rays,
- Coloured architectural slabs which are going to retain a natural finish.  
In both cases, use Pieri® Easy Cure instead (see technical datasheet),

- Industrial floors with a coloured surface hardener.

In this case, use Pieri® Curing Clear or Pieri® Curing SLC instead (see technical datasheets).

For a good adhesion, the product must not be applied on concrete or screed with bleed water on the surface. It must be sprayed on a matt concrete surface.

Do not apply when the temperature is below 5 °C.

The product must be applied carefully, uniformly, forming a regular white film over the concrete, without gaps, or over application. The spraying nozzle shall be placed very close to the concrete (10cm) to prevent droplets of product drying before reaching the concrete surface, as this would hinder the formation of the film (white stains after drying).

### Advantages

- Aqueous phase.
- Curing performance (NF standards):
  - 94 % in 6 h
  - 90 % in 24 h.
- Can be coated without any previous surface treatment (shot blasting, grinding, etc.).

## Technical Specifications

- Synthetic based emulsion.
- White ready-to-use liquid.
- Density: 1.02 +/- 0.01.
- Dry extract: 18.00% ± 0.90 % (NF T 30-084).
- Ash content: ≤ 1 % (NF T 30-012).
- Odourless
- Viscosity: 23 +/- 2 seconds coupe ISO 3.

It is therefore easy to spray as is.

Recommended Pieri® nozzle: X 10.

- pH: 5.8 +/- 0.3
- Water-based product: keep away from frost.
- Protection coefficients as per NF P 18-371 (at 200 g/m<sup>2</sup>):
  - Value: 94% (> 90% in 6 hours),
  - Value: 90% (>85 % in 24 hours).
- Classification as per Decree N° 2011-321 dated 23 March 2011 and the Order dated 19 April 2011: Pieri® Cure & Fix has obtained the grade A+, the best possible classification in terms of emission of polluting products indoors.

## Dosage

- Normal dosage range: 200 - 250 g/m<sup>2</sup>.
- Recommended dosage: 250 g/m<sup>2</sup>.
- Possible dilution when used on fluid screeds poured indoors, in a closed environment, with no drafts and away from direct sunlight (as per technical evaluation documents in force): 100g /m<sup>2</sup>.

## Test report

PV CERIB Ref: 10 DRI 385

“Influence of a curing product on the tearing resistance of a surface treatment applied on concrete test specimen demonstrating the recoverability of a product.

## Storage

1 year in sealed original packaging.  
Avoid exposure to frost and sun light.  
Store over a retention pit or bund.

## Packaging

5, 10 and 22 litres drums.  
220 litres drum.  
1,000 litres tank.

## Safety

Not regulated.  
This product must be kept in its original packaging.  
For more information, please refer to our safety data-sheet.

## Transport

Not regulated.

## [www.graceconstruction.com](http://www.graceconstruction.com)

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