



# ARDEX P 10 SR

## Rapid Hardening Crack Repair Resin Kit

- Easy to use, no mixing equipment required
- Fast setting and load bearing in as little as 20 minutes
- Full kit provided for the stitch repair of cracks and joints
- Low viscosity with high penetrating capabilities
- Odourless and low emission
- Can also be used as an adhesive to fix metal profiles, carpet grippers etc.



### Description

ARDEX P 10 SR Rapid Hardening Crack Repair Resin Kit is a solvent free polymermodified 2 component silicate resin system. The kit is easy to use and includes stitching pins, mixing/dosing bottles and protective gloves. It can be used for the rapid repair of non-structural cracks, joint sealing and as a rapid hardening general-purpose adhesive.

### Use

For the rapid repair and bonding of static non-structural cracks and static joints in concrete and sand/cement screeds.

Can be used as a rapid adhesive for carpet grippers, profiles and trims made of metal, plastic, wood and other materials.

Suitable for use on fully commissioned under floor heated screeds.

Suitable for residential and commercial use.

For interior use only.

### Surface Preparation

All substrates must be hard, sound and free of dust and other barrier materials that will inhibit adhesion to the substrate.

Open up the cracks by cutting to 2/3 thickness of the substrate (note: check for the presence of electrical, heating or plumbing services before cutting). Where stitching is required, cut slots at right angles across the crack suitable to insert the metal stitching pins, at approximately 20cm intervals.

Vacuum to remove all the dust and debris from the crack and cut slots. Where stitching is required insert the stitching pins into the cut slots.

### Mixing

Wearing the protective gloves provided, pour Component B in to the plastic bottle of Component A and shake vigorously for approximately 15 seconds ensuring a homogenous yellow mix is achieved. (For partial quantities, the components must be mixed 1:1 by volume).

### Application

After mixing, cut the end of the pouring spout, on the bottle to open it. Within the products 10 minute working time, pour the ARDEX P 10 SR into the cracks and stitching slots, where stitching is required, ensuring they are filled. Remove any excess material immediately using a scraping blade to bring it flush and apply ARDEX Fine Aggregate to the surface to provide a suitable key for subsequent applications of levelling compounds or tile adhesives.

When applying ARDEX Fine Aggregate as a sand blind, ensure this is carried out whilst the ARDEX P 10 SR is still fresh.

Blinding is a full covering of dry ARDEX Fine Aggregate onto the wet ARDEX P 10 SR surface.

Excess fine aggregate must be removed by brushing or vacuum after the ARDEX P 10 SR has set (typically 20 minutes at 20°C), leaving a sand paper like finish as a mechanical key.

The product can receive loads in as little as 20 minutes, and is ready to receive levelling and smoothing compounds or tile adhesives, in as little as 40 minutes.

To fix profiles and grippers, a paste like consistency can be achieved by leaving the material in the bottle after mixing, for



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a few minutes. Apply and fix immediately once the desired consistency is achieved.

Fresh spills of materials can be removed with a suitable tool cleaner. Hardened material must be mechanically removed.

If in any doubt trials of the product are recommended.

Note: Apply ARDEX P 10 SR only at temperatures above 15°C. The hardening times are dependent upon site conditions and will be extended at lower temperatures and shortened at higher temperatures.

### Precautions

ARDEX P 10 SR can be irritating to the eyes, respiratory system and skin. Always use in a well-ventilated area, wear eye protection and hand protection.

NOTE: For the latest technical or health and safety information on this product, consult the current technical or health and safety datasheet online at [www.ardex.com.tr](http://www.ardex.com.tr)

Dispose of contents/container in accordance with local regulations.

### Technical Data According to ARDEX Quality Standards

Mixing ratio:	1 : 1 by volume
Bulk density:	Component A: 1,13 g/cm <sup>2</sup> Component B: 1,48 g/cm <sup>2</sup>
Working time*:	Approx. 10 minutes
Walkability*:	20 minutes
* These are approximate values calculated in a laboratory environment at +20°C temperature and 65% relative humidity. Environmental and atmospheric conditions may alter these values. Higher temperatures and lower relative humidity shorten these durations, while lower temperatures and higher relative humidity extend them.	
Suitable for underfloor heating:	Yes
Material requirement:	Each 600ml kit will repair approximately 4 linear meters – depending upon the depth/width of crack to be repaired.
EMICODE	EC 1 Plus – Very low emission
Kit contents	Each kit contains two 300ml plastic mixing/dosing bottles, twenty metal stitching pins and a set of protective gloves.
Storage and Shelf Life:	ARDEX P 10 SR must be stored in unopened packaging above 10°C, in dry frost-free conditions.  If stored correctly, as detailed above, use within 12 months of the date shown on the packaging.