



# ARDEX A 23

Rapid Hardening Cement for Floor Screeds



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Test with a BRE Screed Tester after 24 hours

Can be used with underfloor heating systems

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50 kg

# ARDEX A 23

## Rapid Hardening Cement for Floor Screeds



ARDEX A 23 is a special cement for producing a rapid hardening floor screed, with a 1:7 mix suitable for most screeding applications. ARDEX A 23 can be used to produce a bonded, unbonded and floating floor screed for internal use.

Traditional sand/cement screeds can take months to dry, but an ARDEX A 23 screed can receive tiles after only 48 hours, and resilient floor finishes after 6 days.

- Rapid hardening – walkable after 8 hours
- Install ceramic tiles after 48 hours and natural stone after 72 hours
- Install resilient and wood floor finishes after 6 days
- Test with a BRE Screed Tester after 24 hours
- A 1:7 mix is suitable for most screeding applications
- Suitable for use with underfloor heating
- Pumpable for fast application

Mix Proportions:	Maximum 1 part by weight of ARDEX A 23 screeding cement to 7 parts by weight screeding sand
Bonding/Grouting Slurry:	Dilute ARDEX P 51 with an equal volume of water
Coverage:	1:7 mix = 0.27kg/m <sup>2</sup> /mm
Application Thickness:	Bonded screed: Minimum 20mm (design thickness up to 40mm) Unbonded screed: >50mm Floating screed: >65-75mm
Working time:	30 minutes at 20°C
Compressive Strength:	(Using 0-8mm graded aggregate) 7 days: 21 N/mm <sup>2</sup> 28 days: 30 N/mm <sup>2</sup>



## ARDEX P 51

### Concentrated Water-Based Primer and Bonding Agent

ARDEX P 51 is diluted with an equal volume of water to prepare a grouting slurry for bonded screeds, when mixed with ARDEX A 23 Rapid Hardening Cement for Floor Screeds



## ADMIXES



### ARDEX E 100

#### Additive to Improve Screeding, Rendering and Repair Mortars

Both the workability and the plastic properties of the mortar are improved, without increasing the water content. ARDEX E 100 allows bonded cement/sand screeds to be applied at as little as 15mm thick, and early age crack formation and surface dusting of the screed is reduced, while increasing the abrasion resistance and compressive and tensile strengths.

## SCREED REPAIRS



### ARDEX PSRS

#### Penetrating Screed Renovation System

ARDEX PSRS is a solvent-free, two-component epoxy resin designed to strengthen and restore poorly compacted and low strength screeds that do not meet the required in-situ crushing resistance. Consolidated screeds meet the BS-8204-1 Soundness Category A requirement for floor screeds.



### ARDEX EP 2000

#### Multi-Functional Epoxy Resin

ARDEX EP 2000 is a solvent-free, low viscosity, two-component epoxy resin ideal for stitching repairs in cementitious cracked screeds, and for priming sub-floors with unstable surfaces. ARDEX EP 2000 can receive loads after just 24 hours, and can be easily mixed and either poured into cracks, or applied with a roller to the surface.



### ARDEX ARDURAPID A 45

#### Rapid Hardening and Drying Internal Repair Mortar

ARDEX ARDURAPID A 45 is ideal for repairing damaged areas in screeds and concrete, i.e. holes and cracks, prior to the application of a smoothing and levelling compound, or the final floorcovering. ARDEX ARDURAPID A 45 can also be used to create ramps from 20mm down to feather edge.

## LEVELLING AND SMOOTHING



### ARDITEX NA

#### Ultra Rapid Setting Latex Sub-Floor Levelling and Smoothing Compound

ARDITEX NA can be used to smooth and level most sub-floors, without the need to prime, prior to the installation of the final floorcovering. ARDITEX NA can receive floorcoverings after 4 hours, and can be used over or under an ARDEX Damp Proof Membrane.



### ARDEX K 11

#### Rapid Hardening Levelling and Smoothing Compound

ARDEX K 11 has rapid hardening properties meaning it can be walked on after 2½ hours. ARDEX K 11 is suitable for floors with underfloor heating, and floorcoverings can be applied the next day.



For the full product range and the most up to date technical and safety datasheets visit:

**[www.ardex.co.uk](http://www.ardex.co.uk)**

**ARDEX UK LIMITED**

Homefield Road Haverhill Suffolk CB9 8QP United Kingdom

Telephone: 01440 714939

Fax: 01440 716640

Email: [info@ardex.co.uk](mailto:info@ardex.co.uk)

**ARDEX online: [www.ardex.co.uk](http://www.ardex.co.uk)**

**[www.ardexcpdacademy.com](http://www.ardexcpdacademy.com)**