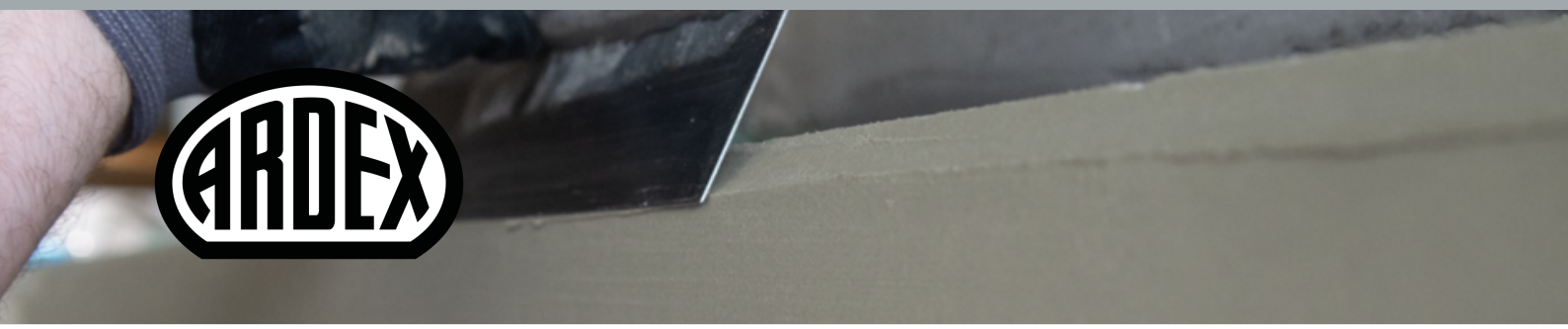

ARDEX E 100

Wittener construction dispersion

- Acrylate hardener for cement mortars and concrete levelling compounds
- For trowel-applied mortar
- Easy to process
- Solvent-free
- Increases strength, elasticity and adhesive bond
- Reduces cracking and abrasion
- Alkali-resistant
- Improves corrosion protection

Area of application
Indoor and outdoor. Walls and floors.

Additive for mortars made from

- ARDEX WSZ Rapid Cement 32.5 R-SF Standard cements
- ARDEX B 10 Fine Concrete Filler
- ARDEX B 12 Concrete Filler
- ARDEX B 14 Concrete Repair Mortar
- ARDEX F 11 Facade Filler

Additive for mortar slurries.

Improves strength, toughness, adhesion and stress behaviour.

Improves the plasticity and workability of the mortar without increasing the water content.

Enables permanent repairs to concrete, plaster and floor screeds, precast concrete elements, for example in the case of damage or ageing, and for repair work on cavities, corners and edges.

Allows thinner composite screed layers, increases abrasion resistance and elasticity, and improves the adhesion of mortars and plaster layers even on smooth substrates.

Increases the bond strength of laying mortars for tiles and natural stone slabs.

With ARDEX E 100 Wittener construction disperson, adhesive tensile strengths of over 2.5 N/mm² can be achieved on smooth concrete after 28 days.

Art
Cement-compatible acrylate dispersion with special additives.

Processing
Use clean containers.

Dilute ARDEX E 100 Wittener construction dispersion with water according to the table below and use as mixing liquid for the mortars, mortar slurries and concrete levelling compounds listed.

When using bonding slurries, ensure that they are brushed well into the substrate.

Apply mortar to bonding slurries while still fresh.

ARDEX E 100 must be processed at temperatures above +5°C.

Note
The information in our safety data sheets must be observed.

For commercial use only!

Zusatzinformation
Handle with care during processing: avoid dust formation and release into the environment.
Dispose of the container and its contents in a sealed state in accordance with applicable local/regional/national/international regulations.

25.09.2025

ARDEX Baustoff GmbH
Hürmer Straße 40
A-3382 Loosdorf
AUSTRIA
+43 (0) 2754/7021-0
+43 (0) 2754/2490
office@ardex.at
www.ardex.at

Manufacturer with certified
QM/UM system according to
EN ISO 9001/14001

ARDEX E 100

Wittener construction dispersion

Overview table

Material type	Sand aggregate for ARDEX WSZ 32.5 R-SF and standard cements		Thinning ARDEX E 100 : water at room temperature	Mixing liquid : 1 kg Dry mixture in kg	Consumption ARDEX E 100 per m²/mm Mortar layer in kg	Strength after 28 days with (without) ARDEX E 100 added	
	at RT	Grain size mm				Flexural strength N/mm	Compression N/mm
Bonding slurry fine-grained	1 : 1	0	1 : 1	0.27	0.22	-	-
Spray coating Bonding slurry, coarse	1 : 1 1 : 1	0 - 4 0	1 : 1 1 : 1	0.24 0.24	0.20 0.20	- -	- -
Fine mortar up to 15 mm Layer thickness	1 : 3	0	1 : 2	0.15	0	10 (6)	33 (27)
Mortar up to 30 mm Layer thickness	1 : 3	0	1 : 3	0.13	0	10 (5)	31 (24)
Mortar over 30 mm Layer thickness	1 : 4	0	1 : 3	0	0	9 (5)	34 (22)
ARDEX B 12 Concrete filler	unmixed		1 : 3	0.3	0.1	10	22 (10)
ARDEX B 14 Concrete repair mortar	unmixed		1 : 3	0.2	0.1	12	31
ARDEX B 10 Fine concrete filler	unmixed		1 : 3	0.3	0.1	11	22 (15)
ARDEX F 11 Facade filler	unmixed		1 : 3	0.3	0.1	10 (4)	22 (14)
ARDEX B 14* Concrete repair mortar	unmixed		1 : 2	0.2	0.11	1	27.7

* for repair work on concrete surfaces

Test report No. 5014/0140 dated 11 June 1990 from the Official Materials Testing Institute for Construction "iBMB", Braunschweig.

Technical data according to ARDEX quality standard

Product details

Labelling according to GHS/CLP	See relevant safety data sheet
Labelling according to ADR	See relevant safety data sheet
Packaging	Canister with 5 kg net; Canister with 25 kg net
Storage	Can be stored frost-free for approx. 12 months in the original sealed container.