



ARDEX E 100™

Screed Improvement and Bonding Slurry Additive

When added to cement and sand screeds:

Improves elasticity and strength (compressive and tensile)

Improves workability and plastic properties without increasing water content

Reduces the potential for crack formation and surface dusting

Increases abrasion resistance

For internal and external use

Required additive for ARDEX A 38™ Rapid Set Screed and ARDEX A 38™ MIX Rapid Set, Premixed Screed bonding slurries

Visit www.youtube.com/ARDEX101 to watch ARDEX Americas product videos.

For easy-to-use ARDEX Product Calculators and Product Information On the Go, download the ARDEX App at the iTunes Store or the Android™ Marketplace.



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ARDEX E 100™

Screed Improvement and Bonding Slurry Additive

Description

ARDEX E 100™ is an acrylic-based additive that improves the elasticity, compressive and tensile strengths, workability, plasticity and abrasion resistance of sand and cement screeds, all without increasing water content. The potential for crack formation and surface dusting also is reduced.

ARDEX E 100 is also ideal for use in the bonding slurry mixture for ARDEX A 38 MIX Rapid Set, Premixed Screed and ARDEX A 38 Rapid Set Screed

Instructions

Follow the instructions for substrate preparation, mixing and application as specified by the screed manufacturer. Replace one half of the water by volume with ARDEX E 100. For example, if the mix calls for one quart of water, use 1/2 quart of water and 1/2 quart of ARDEX E 100.

Ratios for ARDEX A 38 and ARDEX A 38 MIX Bonding Slurries (all parts measured

		Parts by Volume		
		Sand	ARDEX E 100	Water
Mix 8 parts by volume ARDEX A 38™ MIX Rapid Set, Premixed Screed	With	0	1	1
Mix 1 part by volume ARDEX A 38™ Rapid Set Screed		1	1	1

by volume)

Sand Selection

The sand should be reasonably dry (less than 1 gallon of water per 90 lb. / 40.8 kg of sand) and should not contain lime or other materials that could be detrimental to the workability of the screed mortar during application or to the performance of the set and hardened screed. Do not use other cements or screed additives in the mix.

Recommended Sand Gradation	
Sand Size	Portion of Mix
.063 - 0.25 mm	20%
0.1 - 0.5 mm	20%
0.5 - 1.2 mm	15%
1 - 2 mm	15%
2 - 3 mm	15%
3 - 6 mm	15%

For more information on sand selection, consult the ARDEX Guide for Recommended Sand Screeds at www.ardexamericas.com.

Size Available

1 Gallon (3.78 L) bottle

Warranty

ARDEX Engineered Cements Standard Limited Warranty. Failure to follow written directions will void the warranty. For complete warranty details, please contact our Customer Service Center at 888-512-7339.

Notes

FOR PROFESSIONAL USE ONLY.

Store at temperatures between 40 and 90°F (5-32°C). Do not freeze.

Shelf life is 1 year, if unopened.

VOC: 53 g/L, calculated, SCAQMD

Do not reuse container. Dispose of packaging and residue in accordance with federal, state and local waste disposal regulations. Do not flush material down drains.

Precautions

Carefully read and follow all precautions and warnings on the product label. For complete safety information, please refer to the Safety Data Sheet (SDS) available at www.ardexamericas.com.

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