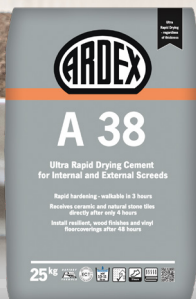


ARDEX A 38

Ultra Rapid Drying Cement for Internal and External Screeds



SCAN FOR MORE INFORMATION

FEATURES & BENEFITS:

APPLICATION DEPTH 15-75mm+	WALK ON 3 hours	DRYING TIME: From 4 hours	WORKING TIME 1 hour	COMPRESSIVE STRENGTH 1:5 mix = 45N/mm ²	CONSUMPTION 0.31kg per m ² /mm at a 1:5 mix	PACKAGING 25kg bags, 40 per pallet	PUMPABLE	PROPRIETARY FORMULATION RAPIDRY PLUS FORMULA
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- ✓ Walkable after just 3 hours
- ✓ Install tiles after 4 hours
- ✓ Install resilient floor finishes after 48 hours
- ✓ Working time of 1 hour
- ✓ For internal and external use
- ✓ Pumpable for faster application
- ✓ Suitable to cover underfloor heating pipes
- ✓ For bonded, unbonded or floating screeds

DEPTHS

Bonded*	15-40mm
Unbonded	50mm+
Floating Domestic	65mm+
Floating Commercial	75mm+
UFH Domestic	65mm+ 25mm above pipes
UFH Commercial	75mm+ 25mm above pipes



* For bonded screeds, use ARDEX A 18 Screed Bonding Cement with green colour agent. It produces an ideal slurry for bonding ARDEX Screeds. It can also be used for daywork joints when a new bay is laid against a set and hardened screed.

MIX DESIGN

Sand and Aggregate

Mix a maximum of 1 part by weight of ARDEX A 38 Cement to 5 parts by weight of a good quality 0-8mm screeding sand, classified to BS EN 13139. Where the screed thickness is consistently greater than 50mm, a fine concrete mix can be used by replacing some of the sand with a suitable 8-10mm single sized aggregate. The ratio of 1 part cement to 5 parts by weight of sand and aggregate should be maintained.

Water

Add sufficient water to obtain a workable mix. With fairly dry sand, this would normally be between 10-11 (with a maximum of 11) litres per bag of ARDEX A 38.

Mixing

Mixing should be performed using a pan, trough or other forced action mixer. Normal 'free-fall' mixers are not suitable. When a sample of mixed mortar is squeezed in the hand the sample should retain its shape and not crumble, the hand being left slightly moist. When a sample is compacted on the base, no film of water should form on the surface.

Always refer to the data sheet before use.



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ARDEX A 38 Cement and Sand Requirement Guide



At a 1:5 mix, for example; 25kg of ARDEX A 38 to 125kg of sand/aggregate by weight, it would take approximately **8** bags of A 38 to and **1** tonne of sand/aggregate to cover an area of **20m²** at a depth of **30mm**.

		DEPTH							
		15mm	20mm	30mm	40mm	50mm	75mm	100mm	125mm
AREA	5m ²	1 (0.13)	2 (0.25)	2 (0.25)	3 (0.38)	4 (0.5)	5 (0.63)	7 (0.88)	8 (1)
	10m ²	2 (0.25)	3 (0.38)	4 (0.5)	5 (0.63)	7 (0.88)	10 (1.25)	13 (1.63)	16 (2)
	20m ²	4 (0.5)	5 (0.63)	8 (1)	10 (1.25)	13 (1.63)	19 (2.38)	25 (3.13)	31 (3.88)
	50m ²	10 (1.25)	13 (1.63)	19 (2.38)	25 (3.13)	32 (4)	47 (5.88)	62 (7.75)	78 (9.75)
	75m ²	14 (1.75)	19 (2.38)	28 (3.5)	38 (4.75)	47 (5.88)	70 (8.75)	93 (11.63)	117 (14.63)
	100m ²	19 (2.38)	25 (3.13)	38 (4.75)	50 (6.25)	62 (7.75)	93 (11.63)	124 (15.5)	155 (19.38)
	150m ²	28 (3.5)	38 (4.75)	56 (7)	75 (9.38)	93 (11.63)	140 (17.5)	186 (23.25)	233 (29.13)
	250m ²	47 (5.88)	62 (7.75)	93 (11.63)	124 (15.5)	155 (19.38)	233 (29.13)	310 (38.75)	388 (48.5)
	500m ²	93 (11.63)	124 (15.5)	186 (23.25)	248 (31)	310 (38.75)	465 (58.13)	620 (77.5)	775 (96.88)
	1000m ²	186 (23.25)	248 (31)	372 (46.5)	496 (62)	620 (77.5)	930 (116.25)	1240 (155)	1550 (193.75)
2000m ²	372 (46.5)	496 (62)	744 (93)	992 (124)	1240 (155)	1860 (232.5)	2480 (310)	3100 (387.5)	

Bags of A 38 required = (0.31kg x mm depth x m² area) / 25kg

Tonnes of sand/aggregate required = (Bags of A 38 x 125 / 1000)

KEY:

Bags of ARDEX A 38

(Tonnes of sand)



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