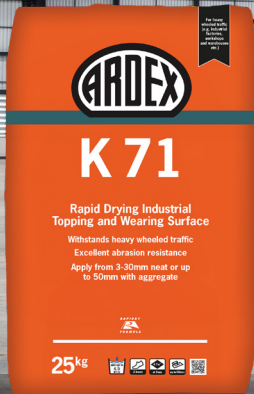


ARDEX K 71

Rapid Drying Industrial Topping & Wearing Surface



Industrial strength, economical sense.

FEATURES

APPLICATION DEPTH 3-50mm	WALK ON 2 hours	STRENGTH CT-C30-F7	INSTALL COATINGS From 12 hours	COVERAGE Approx. 4.7m ² at 3mm per bag	PUMPABLE	WORKING TIME 25 minutes	PACKAGING 25kg bag	EMICODE

DEPTHS

3-30mm



Neat

10-30mm



Mixed with ARDEX Coarse Aggregate at 1:1 by volume.

30-50mm



Mixed with Pea Shingle at 1:1 by volume.

APPLICATION

1. Prepare



Ensure the substrate is clean, dry, and free from dust, grease, or other contaminants. Repair any cracks or damage in the substrate. For concrete substrates, mechanically prepare the surface (e.g., shot blasting or grinding). The concrete must have a minimum surface tensile strength of 0.8 N/mm² (1.5 N/mm² for heavy-duty applications or resin coatings) as per BS 8204-3. Vacuum thoroughly before priming.

2. Prime



Prime all surfaces using ARDEX R 3 E or ARDEX R 5 E epoxy primer, applied as a sand-blinded coat using ARDEX Fine Aggregate (1-1.5 mm). Weak concrete surfaces must be mechanically prepared down to solid concrete. Direct to earth subfloors must contain an effective damp proof membrane. If the DPM is absent or damaged, or the substrate is damp, consult the ARDEX DPM 1 C, data sheet for further information.

3. Mix



For each 25 kg bag of ARDEX K 71, use 4.5 litres of clean water. Mix using an electric drill with a suitable mixing paddle for about 2 minutes until the mixture is smooth and lump-free. For thicker applications between 10-30mm, mix ARDEX K 71 with an equal volume of ARDEX Coarse Aggregate. For depths of 30-50mm, use an equal volume of 8-10mm pea shingle instead.

4. Apply



Pour onto the prepared substrate and spread using a steel trowel or pin leveller to achieve the desired thickness (3-30mm neat, up to 50mm with aggregate). Use a spiked roller immediately after application to remove any entrapped air, ensuring a uniform finish. For aggregated mixes, allow to dry, then prime with ARDEX P 51 diluted 1:3 with water before applying a finishing layer of neat ARDEX K 71 at a minimum of 5mm.

6. Finish



Allow the surface to dry for approximately 2-3 hours before it can accept foot traffic. For a sealed finish, apply a suitable epoxy or polyurethane coating after 12 hours for depths up to 10mm, 24 hours for up to 20mm, or 48 hours for depths up to 50mm. Full traffic is allowed after 7 days. Always consider the specific project requirements and ambient conditions, and consult the latest technical data sheet for detailed instructions.

Note: Always refer to product data sheet before application

SCAN FOR MORE INFORMATION AND VIDEOS



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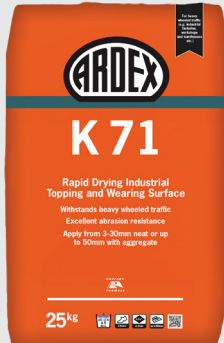
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ARDEX K 71 Bag Requirement Guide



0-30mm Neat



	3mm	5mm	10mm	15mm	20mm	25mm	30mm
1m ²	1	1	1	2	2	2	3
5m ²	2	2	4	6	8	9	11
10m ²	3	4	8	11	15	18	22
20m ²	5	8	15	22	29	36	43
50m ²	11	18	36	54	72	89	107
100m ²	22	36	72	107	143	178	214
200m ²	43	72	143	214	285	356	428
500m ²	107	178	356	534	712	890	1068
1000m ²	214	356	712	1068	1424	1780	2136
2000m ²	428	712	1424	2136	2848	3560	4272

10-30mm Base Layer: ARDEX K 71 mixed 1:1 by volume with ARDEX Coarse Aggregate



	10mm	15mm	20mm	25mm	30mm
1m ²	1+1	1+1	1+1	2+2	2+2
5m ²	3+3	4+4	5+5	6+6	7+7
10m ²	5+5	7+7	9+9	11+11	13+13
20m ²	9+9	13+13	17+17	21+21	26+26
50m ²	21+21	32+32	42+42	53+53	63+63
100m ²	42+42	63+63	84+84	105+105	126+126
200m ²	84+84	126+126	168+168	210+210	252+252
500m ²	210+210	314+314	419+419	524+524	628+628
1000m ²	419+419	628+628	837+837	1047+1047	1256+1256
2000m ²	837+837	1256+1256	1674+1674	2093+2093	2511+2511

30-50mm Base Layer: ARDEX K 71 mixed 1:1 by volume with 8-10mm sized Pea Shingle



	30mm	35mm	40mm	45mm	50mm
1m ²	2+2	2+2	2+2	2+2	3+3
5m ²	7+7	8+8	9+9	10+10	12+12
10m ²	14+14	16+16	18+18	20+20	23+23
20m ²	27+27	32+32	36+36	40+40	45+45
50m ²	67+67	78+78	89+89	100+100	112+112
100m ²	134+134	156+156	178+178	200+200	223+223
200m ²	267+267	312+312	356+356	400+400	445+445
500m ²	667+667	778+778	889+889	1000+1000	1112+1112
1000m ²	1334+1334	1556+1556	1778+1778	2000+2000	2223+2223
2000m ²	2667+2667	3112+3112	3556+3556	4000+4000	4445+4445

Note: Aggregated base layers require a 5mm smooth finishing layer of neat ARDEX K 71. For example a 45mm deep covering would require 40mm aggregated base layer, and a 5mm finishing layer of neat ARDEX K 71.



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