

ARDEX K 40 HB

3-40mm Fibre Reinforced Levelling Compound



Outstanding flow and workability, even at 40mm!

FEATURES:

APPLICATION DEPTH:
3-40mm



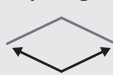
WALK ON:
2 hours



TILE AFTER:
2 hours



COVERAGE:
4m² at 3mm
per bag



PACKAGING:



Pumpable



RAPID DRY
FORMULA



USE OVER:

- | | | |
|---------------------|---------------------------|-----------------------------|
| ✓ Concrete | ✓ Sand and cement screeds | ✓ Suitable timber floors |
| ✓ Pre-cast concrete | ✓ Gypsum/anhydrite | ✓ Tile backing board |
| ✓ Terrazzo | ✓ Stone and ceramic tiles | ✓ Undertile heating systems |

HOW TO LEVEL AND SMOOTH CEMENT/SAND SCREED:

1. Prepare



Screeds must be dry, protected by a functioning DPM, free from dust, water soluble materials, excess adhesive residues and other barriers to adhesion.

Clean off any polish, grease or wax with an appropriate degreaser.

2. Prime



Mix 1-part ARDEX P 51 Primer to 3 parts water.

Apply evenly with a soft brush or broom and leave to dry thoroughly to a clear, thin blue film before beginning any subsequent work.

3. Mix



Add one 22kg bag to between 3.5 and 3.75 litres of clean water and mix to a smooth mortar with an electric drill mixer at 600-1000 rpm.

Use the minimum amount of water for thick applications or cold conditions. (Always apply at temperatures above 5°C).

4. Apply



Pour, then spread the mortar using a pin steel finishing trowel or float.

The extended workable wet-edge time means that fresh applications can be easily trowelled into existing pre-applied mortar up to 30 minutes after application.

5. Protect



It is important to protect the freshly applied material from direct sunlight or draughts to help prevent premature drying.

6. Finish



From approximately 2 hours it will be walkable and ready to receive tiles, regardless of thickness.

From as little as 6 hours, you can install resilient and timber floorcoverings.

SCAN FOR MORE INFORMATION AND VIDEOS



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ARDEX K 40 HB Bag Requirement Guide



	DEPTH (mm)																
	3	4	5	6	7	8	9	10	11	12	13	14	15	20	25	30	40
AREA (m ²)	1	1	1	1	1	1	1	1	1	2	2	2	2	2	3	3	4
2	1	1	1	2	2	2	2	2	2	3	3	3	3	4	5	6	7
3	1	2	2	2	2	3	3	3	3	4	4	4	4	6	7	8	11
4	2	2	2	3	3	3	4	4	4	5	5	5	6	7	9	11	14
5	2	2	3	3	3	4	4	5	5	6	6	6	7	9	11	13	18
6	2	3	3	4	4	5	5	6	6	7	7	8	8	11	13	16	21
7	2	3	3	4	5	5	6	6	7	8	8	9	9	12	15	18	24
8	3	3	4	5	5	6	7	7	8	9	9	10	11	14	18	21	28
9	3	4	4	5	6	7	7	8	9	10	10	11	12	16	20	24	31
10	3	4	5	6	6	7	8	9	10	11	12	12	13	18	22	26	35
11	3	4	5	6	7	8	9	10	11	12	13	14	15	19	24	29	38
12	4	5	6	7	8	9	10	11	12	13	14	15	16	21	26	31	42
13	4	5	6	7	8	9	10	12	13	14	15	16	17	23	28	34	45
14	4	5	6	8	9	10	11	12	14	15	16	17	18	24	30	36	48
15	4	6	7	8	9	11	12	13	15	16	17	18	20	26	33	39	52
16	5	6	7	9	10	11	13	14	16	17	18	20	21	28	35	42	55
17	5	6	8	9	11	12	14	15	16	18	19	21	22	30	37	44	59
18	5	7	8	10	11	13	14	16	17	19	20	22	24	31	39	47	62
19	5	7	9	10	12	13	15	17	18	20	22	23	25	33	41	49	65
20	6	7	9	11	12	14	16	18	19	21	23	24	26	35	43	52	69
30	8	11	13	16	18	21	24	26	29	31	34	36	39	52	65	77	103
50	13	18	22	26	30	35	39	43	47	52	56	60	65	86	107	129	171
100	26	35	43	52	60	69	77	86	94	103	112	120	129	171	214	257	342

CALCULATION EXAMPLE:



17.50m² lobby to be covered at 5mm depth.

$$\text{Bags needed} = \frac{\text{Consumption} \times \text{Depth (mm)} \times \text{Area (m}^2\text{)}}{22\text{kg bags}} = \frac{1.88 \times 5 \times 17.50}{22} = 8 \text{ Bags (rounded up from 7.48)}$$



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