

DURATILOFIL E

Epoxy based tile grout

Grouts For Tile Joints



Beautify your floors & walls with colored grouts to get a smooth & seamless finish



Easy to use & clean



Withstands heavy weight



Anti cracking / non shrinking



UV resistant



Antibacterial and antimicrobial resistant

DURA BUILD CARE PVT. LTD.

(AN ISO 9001 : 2008 COMPANY)
"Quality, Integrity Assured."



In Knowledge Partnership with



GROUTS SHADE SELECTOR

★



Bright White

★



Ivory

★



Cream



Beige



Marble Beige



Almond



Souterne



Sand Stone

★



Yellow



Buff



Porchment



Mushroom

★

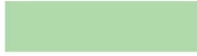


Pink



Canyon Red

★



Light Green

★



Dark Green

★



Blue

★



Alpine Blue



Aqua Blue

★



Dark Blue

★



Copper Brown



Silver Shadow

★



Dark Brown

★



Terra Red



Burgundy



Grey



Steel Grey



Dark Grey

★



Smoke Grey

★



Black

Note:

★ Polymer modified cementitious grout **DURATILOFIL C** also available in these shades.

DURATILOFIL E

COVERAGE: Approximate sq. ft. coverage per kg

Tile Size (mm x mm)	Tile Thickness (mm)	Joint Width						
		3 mm	4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
100 x 100	3	39	29	23	19	14	12	10
150 x 150	4	43	33	26	22	16	13	11
200 x 150	5	40	30	24	20	15	12	10
200 x 200	5	46	35	28	23	17	14	12
200 x 300	6	46	35	28	23	17	14	12
300 x 300	6	58	43	35	29	22	17	14
400 x 400	6	77	58	46	39	29	23	19
400 x 450	7	70	53	42	35	26	21	18
500 x 500	8	72	54	43	36	27	22	18
600 x 600	8	87	65	52	43	33	26	22

BENEFITS OF DURATILOFIL E

- Easy to clean and apply.
- Excellent chemical resistance.
- Excellent bonding.
- High mechanical strength so can withstand heavy traffic.
- Anti cracking after hardening.
- Stain free.
- UV resistant.
- Available in various shades matching the tiles colour.
- Resistant against fungal and other microbial attacks.

APPLICATION AREAS

- Floor and wall tiles in residential and industrial buildings.
- Terrace and balconies.
- Dairy and food processing plants.
- Restaurants and hospitals.
- Chemical laboratories.
- Swimming pools.
- Bakeries and schools.
- Pubs.

SUBSTRATE TYPE

- Concrete
- Brick masonry
- Ceramic tile and stones
- Steel
- Plywood
- Cement plaster
- Plastic laminate

APPLICATION METHOD

● Surface Preparation

Tile surface and open grout joints must be cleaned and should be free from dirt, cured tile adhesive debris or standing water. Remove dust with wire brush & by air blower.

● Mixing

Mix all content of **PACK B** to **PACK A** pouch in a clean pail. Mix liquids thoroughly with margin trowel or slow speed drill mixer.

● Grouting Application

After surfaces are cleaned and dried, spread **DURATILOFIL E** mix using a sharp edged rubber float. Apply the grout diagonally across the joints, packing them completely. After grouting, wait for at least 1 hour before cleaning. Wait longer at colder temperatures.

● Cleaning

- Remove excess grout off the tile surface using the edge of float held at 90°, stroking diagonally to avoid pulling grout out of filled joints.
- Scrub the floor with **DURABRITE**. Remove the excess water with the sponge provided.
- Wipe grout joints and tile surface in a light circular motion, loosening grout residue while making the joints smooth.

PRODUCT DESCRIPTION

Mix ratio	Part A Part B	2 Part 1 Part
Pot life	45 min @ 30°C	
Density	Density (g/cm ³)	
Pack - A	1.17	
Pack - B	1.66	
Mix (2:1)	1.69	
Application temperature	Min°C Max°C	5°C 50°C
Drying time	5 hrs.	
Chemical resistance	Passes	
Alkali	Passes	
Acid	Passes	
Solvent	Passes	
Salt	Passes	
Mix consistency	Creamy Paste	
Water absorption after 4 hrs (EN 12808-5)	≤ 0.1 g	
Abrasion resistance (EN 12808-2)	≤ 250 mm ³	
Shear adhesion (EN 12003)	≥ 2 N/mm ²	
Mechanical flexural strength, 28 Days (EN 12808-3)	≥ 30 N/mm ²	
Mechanical compressive strength, 28 Days (EN 12808-3)	≥ 45 N/mm ²	
Shelf life	upto 12 Months	

CAUTIONS DURING APPLICATION

- Mix the two components (A+B) in correct ratio.
- Change the water frequently to avoid any foreign impurities from entering into the tile joints.
- Change the felt pad and sponge when saturated with product.
- Do not walk on the newly grouted surface, in order to avoid damaging the flooring with resin residues.
- Do not cover the newly grouted surface with cloths or other material so as to prevent the surface carbonation on the product, which may alter the uniformity of the colour.
- Wait for at least 24-48 hours depending on the temperature before protecting the surface.
- When grouting natural stone / tiles, it is essential to carry out a preliminary test to verify whether the slabs absorb the epoxy resin. If a darker-coloured halo-stains are formed on the surface and sides of the slabs that can not be removed, grouting cannot be carried out in this case. This problem generally arises with light-coloured marbles.
- Do not mix the product with water or solvents.
- Do not use the product for applications that are not reported on this data sheet.

PACKAGING

- 1 Kg Container
- 5 Kg Container

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