



ARDEX FLEX SANDED™ GROUT

**Stain Resistant, Water Repellent,
Highly Flexible, Sanded Grout**

**Use with porcelain, glass, quarry, moisture-insensitive
stone, ceramic & mosaic tile**

**Use for interior or exterior applications; floors,
walls & countertops**

**Stain resistant, fast setting, water repellent &
highly flexible**

Easy to mix – just add water

Use for grout joints up to 1/2"



ARDEX ENGINEERED CEMENTS
400 Ardex Park Drive
Aliquippa, PA 15001 USA
Tel: 724-203-5000
Toll Free: 888-512-7339
Fax: 724-203-5001
www.ardex.com

ARDEX FLEX SANDED™ GROUT

Stain Resistant, Water Repellent, Highly Flexible, Sanded Grout

Description And Usage

ARDEX FLEX SANDED™ GROUT is a Portland cement-based grout modified with powdered polymers that provides a smooth finish for floor and wall tile joints up to 1/2" (12 mm) wide on installations of porcelain, glass, quarry, moisture-insensitive stone, ceramic and mosaic tile. Stain-resistant, water repellent, and naturally resistant to mold and mildew formation, ARDEX FLEX SANDED™ GROUT is also fast setting, with good flexibility and high bonding power for interior and exterior floor, wall, and countertop applications.

Joint Preparation

The existing tile must be firmly set. The tile joints must be clean and free of all setting materials, dust, moisture and foreign matter. Expansion joints must be provided over existing moving joints and cracks, and where substrate materials change composition or direction, per ANSI A108 AN-3.7.

Recommended Tools

Mixing bucket, rubber float, sponge, ARDEX T-2 Ring Mixing Paddle and a 1/2" heavy-duty drill (12 mm, min. 650 rpm).

Mixing And Application

For each 20 lb bag of ARDEX FLEX SANDED GROUT, use 1 1/2 to 1 3/4 quarts (1.4 to 1.6 liters) of clean water. Start with 1 1/2 quarts (1.4 liters) of water and add up to an additional 8 ounces to achieve the desired consistency. Pour the water in the mixing container first, and then add the ARDEX FLEX SANDED GROUT. For best results, mix with an ARDEX T-2 Ring Paddle and 1/2" heavy-duty drill. To obtain a stiffer grout consistency, use slightly less water. NOTE: Less water may cause the material to set faster. To mix smaller quantities by hand, use 3.5 parts powder to one part water by volume. Use a margin trowel and mix vigorously for 2 to 3 minutes. Just prior to application, the mixture should be stirred again to ensure a creamy, smooth, lump-free consistency.

Installation should proceed in accordance with ANSI A108.1.

Using a high quality rubber float, work the grout into the joints until they are completely filled. The finished joint must be uniformly smooth and without pinholes, voids or low spots. ARDEX FLEX SANDED GROUT has a working time of approximately 30 minutes at 70°F (21°C). Mix only as much as can be applied within this time.

As the work proceeds, remove all excess grout from the face of the tile using the rubber float in a snowplow fashion to ensure that the grout is not being removed from the joint.

Once the grout has taken a firm set in the joints, residual grout on the face of the tile can be removed by lightly dampening the area to be cleaned with water. Let the water soak in for about one minute, and then remove the residue using a lightly dampened sponge. Any residual grout that does not re-emulsify can be loosened using a white Scotch-Brite® pad. Apply gentle pressure to the pad, and work in a circular motion to loosen the grout.

Carefully remove the slurry with a barely damp sponge, rinsing the sponge with clean water after each pass. Any dry film (haze) remaining on the tile surface can be easily removed by finishing or polishing with damp terry cloth or similar after the grout has completely hardened in the joints.

Notes

The working time of ARDEX FLEX SANDED GROUT is approximately 30 minutes at 70°F (21°C). Higher temperatures will reduce the pot life.

Please be advised that although this product will resist staining and clean more easily than most other grouts available, this material is not stain-proof and should be cleaned and maintained regularly to keep the installation looking its best.

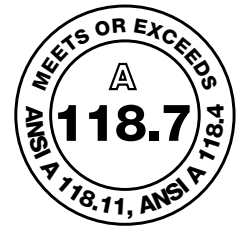
For grouting tiles in high stress areas, hot tubs and water-holding tanks, use ARDEX WA™ EPOXY GROUT AND ADHESIVE.

Some types of tiles may be prone to scratching and surface discoloration when using grout. As always, ARDEX recommends that customers conduct their own tests to confirm the suitability of the product for the intended use.

Never mix with cement or additives other than ARDEX approved products. Observe the basic rules of tile work. Do not install below 50°F (10°C) surface and ambient temperatures.

Precautions

ARDEX FLEX SANDED GROUT contains Portland cement. Avoid eye and skin contact. Mix in a well ventilated area and avoid breathing powder or dust. KEEP OUT OF REACH OF CHILDREN. Carefully read and follow all cautions and warnings on the product label. For complete safety information, please refer to the Material Safety Data Sheet or visit our website at www.ardex.com.



Colors Available

Sugar Cookie 001
Barley 002
Sand 003
Irish Cream 004
Harbor Mist 005
Manhattan 006
Natural Gray 007
Medium Gray 008
Cast Iron 009
Aztec Silver 010
Silver Gray 011
Antique 012
Light Suede 013
Slate 014
White 015
Beige 016
Ivory 017
Walnut 018
Sahara 019
Cappuccino 020
Bermuda Sand 021
Cork 022
Coffee Bean 023
Cocoa 024
Black 026
Mocha 025
Saltillo 027
Anthracite 030

Color Variance

Actual grout color may vary when dry, depending on installation conditions, substrate, type of tile installed and other factors.

To minimize the possibility of color variance between bags of the same color used on the same installation, mix all grout using the same amount of water.

Technical Data According To ARDEX Quality Standards

All data based on a mixing ratio of 3.5 parts powder to 1 part water by volume at 70°F (21°C)

Mixing Ratio: 1 1/2 to 1 3/4 quarts (1.4 to 1.6 Liters) of water to one 20 lb (9 kg) bag.
For smaller batches, use 3.5 parts powder to 1 part water by volume

Coverage with a Joint Width of 1/4" (6 mm) (approx.): 160 sq. ft. per bag for 12" x 12" x 3/8" pavers
80 sq. ft. per bag for 6" x 6" x 1/2" tile

Pot Life: Approx. 45 minutes

Working Time: Approx. 30 minutes

Open to Traffic: 2 hours

Colors: Please refer to the ARDEX FLEX Grout Color Chart.

VOC: 0 g/L, calculated, SCAQMD 1168

Packaging: 20 lb (9 kg) bag net weight

Storage: Store in a cool dry area. Do not leave bags exposed to sun.

Shelf Life: One year

Warranty: Please see the ARDEX SystemOne Warranty Brochure.

ARDEX FLEX SANDED™ GROUT

		Coverage in sq. ft.					
Tile Size	Joint Width >	1/16"	1/8"	3/16"	1/4"	3/8"	1/2"
	1" x 1" x 3/16"	92	46	30	23	15	12
	1" x 1" x 1/4"	69	35	23	17	12	9
	2" x 2" x 1/4"	140	70	46	35	23	12
	3" x 3" x 1/4"	215	107	71	55	36	27
	4" x 4" x 1/4"	291	145	96	72	48	36
	4" x 8" x 1/2"	198	99	66	50	33	25
	4-1/4" x 4-1/4" x 1/4"	308	154	103	77	51	37
	6" x 6" x 1/4"	449	224	149	112	75	56
	6" x 6" x 1/2"	224	112	75	56	38	28
	6" x 8" x 1/4"	524	262	175	131	87	66
	8" x 8" x 3/8"	416	208	139	104	69	52
	8" x 8" x 1/2"	312	156	104	78	52	39
	8" x 8" x 3/4"	207	103	70	52	35	26
	12" x 12" x 1/4"	1006	503	335	251	168	126
	12" x 12" x 3/8"	670	335	224	168	112	84
	12" x 12" x 1/2"	502	251	168	126	84	63
16" x 16" x 3/8"	966	483	322	242	161	121	
24" x 24" x 3/8"	1728	864	409	432	288	216	

Coverage based on a 20 lb bag. Actual coverage may vary based on jobsite conditions, tile textures and installation methods.

© 2010 ARDEX, L.P. All rights reserved.

AT116 (07/10)

ARDEX ENGINEERED CEMENTS
 400 Ardex Park Drive
 Aliquippa, PA 15001 USA
 Tel: 724-203-5000
 Toll Free: 888-512-7339
 Fax: 724-203-5001
www.ardex.com