



TILE & STONE FIXING EXPERT



T28 SPARKLES

ADMIX FOR EPOXY BASED
TILE GROUT FOR
SPARKLING JOINTS



For Internal
& External
Floor & Wall



Available
in different
Colours



Sparkling
Joints



Water
Resistant



Stain-free
& Chemical
Resistant



Eco-friendly



Available in 100 grams bottle.



SPARKLES

DESCRIPTION

Roff Sparkles are specially designed to get special glitter effect and enhance the beauty of tiling. It should be mixed with epoxy based (resin based) tile grout to get sparkling

joints which will enhance the beauty of tiled area. It is recommended to use in internal & external areas under wet & dry conditions on wall & floor.

AREA OF USE

Surface to be grouted	Area of application
All types of ceramic tile, glazed tiles, porcelain tiles, vitrified & fully vitrified tiles, natural stones*, large format tiles, glass mosaic tiles, composites & engineered stone	To get sparkling joints with enhanced beauty, floor & walls of internal & external area*, dry as well as wet area, domestic applications, commercial applications, wider tile joints.

***Note :**

1. Do sampling to check the effect of sparkling & relevant dosage.
2. Please contact Roff personnel for technical assistance.

FEATURES AND ADVANTAGES

- Easy to use - just mix with Roff RTM Epoxy grout on site, ready to use.
- Suitable for variety of tile and stones - Ceramic, vitrified, marbles, granites etc.
- Dissolves easily with resin based tile grout.
- Gives Sparkling & Shining tile joints.
- Available in three variants (Gold, Silver & Copper) which will give more than 100 different sparkling effects when used in separately & combination.
- Excellent chemical resistance.

LIMITATIONS

- Don't use alone or with cement-based Tile grout.
- Do not use acid to clean joints. Use Roff Cera clean for cleaning purpose.
- Do not use in aggressive prone areas and the areas which are subjected to aggressive pressure cleaning or steam cleaning.



SPARKLES

TECHNICAL INFORMATION

PRODUCT DETAILS

Testing Properties	Test Results
Available Color	Gold, Silver & Copper
Density	1.5 g/ cc
Size	Approx. 0.2 mm
Shape	Epoxy Coated Polyester
Water Solubility	Insoluble in Water
Melting Point	$\geq 170^{\circ}\text{C}$
Tentative Mixing Ratio (RTM Epoxy: Sparkles)	50 gm in 1 kg RTM 3 – 7% of weight of RTM Epoxy

APPLICATION PROPERTIES (ROFF RTM EPOXY + ROFF SPARKLES)

Testing Properties	Requirement
Mixed Density	$1.75 \pm 0.05 \text{ Kg/ litre}$
Pot life @ 30°C	Approx. 60 minutes
Joint Width	2 – 15 mm
Sag Resistant	No sag
Application Temperature	from $+10^{\circ}\text{C}$ to $+35^{\circ}\text{C}$
Light Foot Traffic	24 hours
Regular Traffic	72 hours

Note : Test results are indicative as per testing method specified in standard. Test results may vary as per substrate, site condition & testing machine etc. Actual field performance will depend on installation methods and site conditions.

SPARKLES

APPLICATION INSTRUCTIONS



SUBSTRATE PREPARATION

- The joints must be dry, clean, free of dust and emptied at least 2/3 of the tile thickness.
- Ensure 24 hours' time interval for grouting after tile fixing.
- The excess adhesive or mortar should be removed while still fresh.
- Before grouting, make sure that the installation the adhesive has set and released most of its moisture.
- The joints should not be wet during work.
- Put masking tape by side of grouting space or sealer if necessary.

MIXING

- Shake the bottle of HARDENER and stir the BASE prior to mixing.
- Pour Part A (Base) and Part B (Hardener) into a clean mixing pail
- Mix thoroughly by hand or with a slow speed mixer (<300 RPM) until liquids are completely blended.
- Add slowly the Filler part, mixing thoroughly until all of the Filler is dispersed
- Then add the sparkles part till a uniform colour and lumps-free consistency is achieved.
- Avoid entraining air by mixing at very high speed or by over-mixing.
- Use the paste within 45 - 60 minutes from mixing.

APPLICATION



- Using a hard rubber squeeze/ grout floater, press the grout firmly into the joints ensuring that the joints are completely filled.
- Hold the float at a 90-degree angle and pull it at a 45° angle diagonally across the joints and tile to avoid pulling out the material.
- Work in small areas to have better control on removing the excess grout from joints and surface by moving the squeeze diagonally to the grout lines.
- Ensure that joint is filled completely, and grout is not just sitting on top.

CLEANING & FINISHING

- Clean off the surplus grout from tile joints and surface within 30-45 minutes/ before the product dries. Initially use a rough textured sponge dampened with clean water to clean the excess grout and to remove the grout residue.
- Use the damp sponge in a circular motion and keep it relative to the tile surface to achieve the flush joint & taking care not to drag epoxy grout from the joints.
- Do not allow water to flow or run into ungrouped joints.
- Clean off any light residue of tile grout left on the tile surface using an alkaline detergent/ Roff tile cleaner without disturbing the joint finish.
- Make sure that the sparkles are exposed & shining. if not, give final touch on grouting joints with finger dipped in soap water.
- Tools and containers should be cleaned using clean water when the grout is still fresh. Do not allow the epoxy to harden on equipment.



SPARKLES

PRECAUTIONS & NOTE

- Do not apply on wet/damp tile joints. Always apply on completely dry tile joints.
- Do not over-mix the material. Over-mixing can reduce the pot life.
- While cleaning change frequently the water. Change cleaning cloth/ sponge when they are impregnated with grout.
- Do not allow water to flow/run into un-grouted joints while application.
- Protect from direct rainfall/ foot traffic for at least 24 hours.
- Consult Roff Technical Services for recommendations on exterior applications & unusual conditions

COVERAGE

- Ideal dosage of sparkle should be 50 gm per 1 kg pack.
- The dosage of sparkle can be adjusted to 3 - 7% of Roff RTM Epoxy (Base + Hardener + Filler) as per customer's requirement of aesthetic look.
- Refer coverage chart mentioned in Roff RTM Epoxy TDS for consumption.

PACKAGING

100 grams Bottle

SHELF LIFE

36 months for sealed pack when stored under cover, out of direct sunlight, dampproof condition and protect from extremes of temperature (store between +15°C to +35°C temperature).

SAFETY PRECAUTIONS

Keep out of reach of children. Wear suitable protective clothing, gloves and eyes/face protection. After contact with skin, wash immediately with plenty of clean water. In case of contact with eyes rinse immediately with plenty of clean water and seek medical advice. Limited to professional use only.

For more details please refer the relevant Material Safety Data Sheet, available on request.



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