

Tyfo® RR Type A (Artistic)

Description

Tyfo® RR Type A is natural stone with a unique high-tech acrylic binder (single component) finish material. It is an ideal final finish for Tyfo® Fibrwrap® Systems or general coating however, it can be made decorative (example: like brick, tile and other decorative designs).

The Tyfo® RR Type A (artistic) can be sandstone, limestone, terracotta (marble, granite and travertine in development). It can be colored with U.V. stable waterbase paint colorants. It can be taped for simulation of grout lines. It can be water own, stained, skip, slate, magic or steel trowelled and many other artistic finishes. It can be made to look like brick or tile.

The Tyfo® RR Type A material is single component.

The process for selecting the Tyfo® RR Type A System is for the Architect or owner to select the finish appearance desired. Samples of the product are prepared for approval. The project is then quoted considering the special details. The Fyfe company's artistic specialist is used for this.

Specification Decisions

1. Primer is over substrate other than Tyfo® Fibrwrap®.
2. Type of material – sandstone, limestone, terracotta (possible marble and granite).
3. First layer thickness and color.
4. Taping pattern.
5. Second layer thickness and colored stains.
6. Type of finish.
7. Sealers.

Product Features

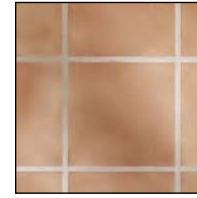
- Can be made in Artistic Finish.
- Specify material type, staining, color.
- Specify simulated grout lines.
- Specify finish troweling affect.
- Engineered surface finish.
- Unique combination of sandstone and a heavy-duty, long-lasting, acrylic-based, crosslink polymer in-a-can.
- For interior and exterior application.
- Applies easily to almost any horizontal or vertical surface.
- Clear, single-component, waterbase formulation.
- VOC level of 10 or less.
- Can be applied using conventional spray and surface finishing equipment (steel trowel, magic trowel (rubber squeegee).
- Stone or concrete appearance can be achieved.
- Tyfo® RR is breathable.
- Can go over well-adhered painted surfaces.
- Has excellent adhesion to most materials.
- Good exural strength.
- Excellent impact resistance (see test reports)
- Special additives for mildew and fungus conditions for both Tyfo® RR and Tyfo® TFE Sealer. Special order material.

Patent Pending

Natural Liquid Stone Material



Limestone with Gold Highlights



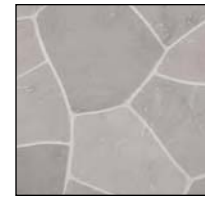
Whitewashed Tile Terracotta



Sydney White Sandstone Highlights



Natural Sandstone Random Rock



Random Gray Slate Sandstone

- Can be pressure washed (check with Fyfe Co. for maximum allowable pressure).
- Unique Tyfo® Sealers are waterbase, UV resistant, breathable, and waterproof.
- Large cracks which develop in substrate can easily be repaired with Tyfo® RR and Tyfo® Fibrwrap®.
- Clean up with water.

Typical Applications:

Fibrwrap® surfaces	Driveways	Walkways
Garages	Patios	Walls
Beams	Tile	Pools
Pool surrounds	Stucco refinish	

Coating over existing:

Concrete	Drywall	Brick
Stucco	Tile	Linoleum
Asphalt	Metal	Wood
Plastic	Rubber	
Laminates (eg., formica)		

Damp Concrete Primer

Tyfo® WP (wet prime).

Sealers Type A and B

Type A - PTFE for walls

Type B - Aliphatic polyurethane

Installations

A number of installations of Tyfo® RR have been completed since 2000 (see partial Project Reference List).

Installation Method Simple on Tyfo® Fibrwrap®

- Spray or trowel the correct color of Tyfo® RR Type A Layer 1.
- Tape desired grout or brick pattern.
- Spray or trowel the correct color & stain of Tyfo® RR Type A Layer 2.
- Trowel finish (water low, skip, slate, magic, steel, etc.).
- Finish coat if necessary.
- Spray or roll on Tyfo® Sealer in-place (optional if required).

Installation Method as General Finish

- Prime with recommended primer for substrate.
- Spray or trowel the correct color of Tyfo® RR Type A Layer 1.
- Tape desired grout or brick pattern.
- Spray or trowel the correct color & stain of Tyfo® RR Type A Layer 2.
- Trowel finish (water low, skip, slate, magic, steel, etc.).
- Finish coat if necessary.
- Spray or roll on Tyfo® Sealer in-place (optional if required).

Certified Applicators

Tyfo® RR shall be applied only by Fyfe Co. LLC certified applicators with artistic supervision.

Sample Kits

3 - 4" x 4" samples of different finishes on wood.
Special samples prepared for approval.

Installation Conditions

At lower temperatures, the combination of temperature, humidity and Tyfo® RR thickness could result in longer cure times. At 55° F (13° C) and higher humidity, a plastic cover and heating should be used. Installations have been performed at 32° F (0° C) and low humidity with short cure times. Cure time trials should be made where required. Protect material from rain or dirt during cure time. Material can be walked on after initial cure. Full cure is approximately 7 days.

Questions & Answers

Ask for typical question and answer sheet.

Associated Documents

- Test reports
- Tyfo® RR Type S (Standard) Literature
- Tyfo® RR Type S Data Sheet
- Reference Installation List
- "How-To" Installation Guide
- Samples
- MSDS
- General Specification

Tyfo® Fibrwrap® & Tyfo® RR Material Tested as a System (Reports available)

Underwriters Laboratories - Class 1 rating per ASTM E84 (Flame & Smoke)

Tyfo® RR Material Testing

Marshall Laboratories, Inc. - Heat stability, Freeze/Thaw, ASTM D3395 Adhesion by Tape Test, ASTM D4541 Pull-off Strength, ASTM D1308 Chemical Resistance, Hot Tire Resistance.

National Testing Standards, Inc. - Coefficient of Friction Test, ASTM D4508 Impact Resistance, ASTM D4541 Adhesive Strength.

Smilad Laboratories - 883 hour weathering.

Building, Construction & Engineering of Australia Laboratory - ASTM 5303-1999 Ignitability, Flame Propagation, Heat Release.

Products Required

- Tyfo® RR Type A Layer 1
- UV Stable Waterbase Pigments and Stains
- Tyfo® RR Type A Layer 2
- Tyfo® Sealer Type A for Walls
- Tyfo® Sealer Type B for Floors & Slabs } Optional



Tape, to simulate grout lines, being removed



Tyfo® Sealer being applied

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