



# TEXTURGLAS®

## GUIDE SPECIFICATION

### 1. Product Name

Texturglas® System Solutions for Walls  
Architectural Wall Finish Systems

### 2. Texturglas® is a registered trademark of

Roos International, Ltd. Inc.  
1020 NW 6<sup>th</sup> Street, Suite H  
Deerfield Beach, Florida 33442  
(800) 888-2776 (954) 429-3883  
Fax (954) 429-8208  
E-mail: support@roosintl.com  
Website: www.texturglas.com

### 3. Product Description

#### BASIC USE

Texturglas is a glass textile wallcovering that is a component of a wall finish system comprised of adhesive, glass textile wallcovering and a paint finish that allows the specifier a breadth of performance characteristics. The system can provide custom color, durability, wall strength and low maintenance for renovation and new construction. Nonflammable and environmentally friendly, Texturglas systems are an excellent choice for hospitals, hotels, schools, churches, museums, office buildings and residential construction.

Texturglas can be used to resurface and rehabilitate old wall surfaces by bridging cracks and smoothing rough surfaces. It may be applied over wood paneling, brick, stucco, tile and drywall with only minimal surface preparation. Significant features of Texturglas include its high moisture permeance, which helps minimize mold and mildew formation, and its inherent characteristics that classifies it as an environmentally responsible commercial wall treatment.

#### COMPOSITION & MATERIALS

Texturglas is a woven glass textile wallcovering product made from inert, readily available sand, lime and clay. Texturglas can be finished with latex or oil base paint, epoxy coatings, multicolor finishes or faux finishes in any color. The edges are precision trimmed for a nearly seamless appearance without overlap and double cut.

#### TYPES

Texturglas TG patterns require a base coat and a finish coat of paint. The TGP patterns come pre-primed from the factory and may require only 1 finish coat of paint when using a low luster or satin finish of light colors. Two coats of paint are acceptable.

require only 1 coat of finish paint when using a low luster or satin finish of light colors. Two coats of paint are acceptable. The unprimed patterns require a primer coat of paint and a top coat of paint.

#### SIZES

Texturglas is available in bolts 39.4" (1m) wide, and bolts vary in length from 32 yards (30 meters) and 54 yds (50m) long bolts.

#### PATTERNS

Texturglas is available in various distinctive textures. Patterns range from linen weave and basket weave to herringbone, diamonds, and squares.

#### FINISHES

The type of paint coating from latex to 2-part epoxy determines additional system performance. Faux finishes, glazes and metallics can also be used for more decorative finishes. Flat latex paint is not recommended for commercial application.

#### COLORS

Texturglas is painted after installation. Final appearance and color selection is limited only by the number of paint colors and finishes.

### 4. Technical Data

#### APPLICABLE STANDARDS

- Standards Council of Canada Standard Test Method for Surface Burning Characteristics CAN/ULC-S102-M88
- American Society for Testing and Materials ASTM E84-01 Standard Test Method for Surface Burning Characteristics of Building Materials
- ASTM E96 Standard Test Method for Water Vapour Transmission
- NFPA 255 Standard Method of Test of Surface Burning Characteristics of Building Materials Oko-Tex
- Standard 100 Confidence in Textile, Section 108 for Textile Wall Coverings

#### ENVIRONMENTAL CONSIDERATIONS

Texturglas is made from all natural, non-toxic materials. It does not require replacement for redecoration and can be renewed with a paint finish. Glass textile wallcovering meets State of Washington Indoor Air Quality Program requirements, and meets U.S. Environmental Protection Agency National Ambient Air Quality Standards. Listed in GreenSpec® Directory and has a third party evaluation describing how it can contribute towards LEED credits.

## **PHYSICAL/CHEMICAL PROPERTIES**

Glass textile wallcovering is made from glass yarns woven into various textures. Tensile strength of warp ranges from 74 lbs/in to 262 lbs/in and of weft from 39 lbs/in to 180 lbs/in. Weight of the material ranges from 3.5 oz/sq.yd. to 8.11 oz/sq.yd. Woven glass textile is a porous product that allows the migration of water vapor. See Technical Summary for information on each individual pattern.

## **FIRE RATING**

Class A fire rating. Glass textile does not support combustion. When tested in accordance with CAN/ULC-S102-M88: Flame Spread 5, Smoke Development 5. When tested in accordance with ASTM E84: Flame Spread 5, Smoke Development 0.

## **PERMEABILITY**

Glass textile is a porous product that allows the migration of water vapor even after painting. Test results under ASTM E96 Standard Test Method for Water Vapour Transmission: 400-555 g/m<sup>2</sup>/24hr.

## **5. Installation**

### **PREPARATORY WORK**

Handle and store product according to Texturglas recommendations. Any experienced painting and wallcovering professional can install Texturglas. Standard tools and minimal surface preparation are required. Use a suitable substrate primer/sealer to prepare surface.

### **METHODS**

Installation is either dry hang method or a paste machine can be utilized. For dry hang, heavy duty clear adhesive is rolled or sprayed on wall and Texturglas is applied after 2 to 3 minutes. Most all patterns can be pulled through a paste machine except for TG3 and TGP3. After adhesive is dry (12-24 hours) apply 1 to 2 coats of paint. Paint consumption ranges from 150 – 250 ft<sup>2</sup>/gal depending on texture. Complete installation recommendations are available from Roos International, Ltd. Inc.

### **PRECAUTIONS**

Patterns TG3 and TGP3 should not be pulled through a paste machine. Do not use a seam roller on any pattern. Texturglas alone is not a lead based paint encapsulant; however, it may be specified as a reinforced fiber material that, when used with an approved coating, can strengthen and stabilize the substrate and assist in enclosing lead based paint.

## **6. Availability and Cost**

### **AVAILABILITY**

Texturglas is available from stock and can be shipped within 72 hours. Contact your local paint store or wallcovering distributor or call Roos International, Ltd. Inc at 954-429-3883.

### **COST**

Texturglas is priced by the yard and is painted after installation. Cost to install the wallcovering is comparable to commercial vinyl wallcovering. Contact your local paint store or wallcovering distributor for pricing or call Roos International.

## **7. Warranty**

The manufacturer warrants that for a period of five (5) years from the date of shipment that its glass textile wallcovering products will conform to their product specifications and will be free of defects in exceeding of those permitted by their product specifications. ROOS INTERNATIONAL DISCLAIMS ALL OTHER REPRESENTATIONS AND WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. If any products sold by Roos International, Ltd. fail to conform to the above warranty, the manufacturer will supply replacement product free of charge and does not include labor for removal or installation. The supply of replacement product is the exclusive remedy and is the limit of Roos International, Ltd.'s or the manufacturer's liability. In no event shall Roos International, Ltd. or manufacturer be liable for incidental or consequential damages.

## **8. Maintenance**

Because Texturglas is painted after installation, it is washable according to paint manufacturer's recommendations. If damaged, it can be touched up with paint or repaired with a double cut patch and repair method. It can be repainted up to 8 times. Estimated service life is over 30 years.

## **9. Technical Services**

For technical assistance, contact Roos International.

## **10. Filing System**

- ◆ Additional product information is available from Roos International, Ltd. Inc. at 1-800-888-2776. Also visit the website at [www.roosintl.com](http://www.roosintl.com).