

**brix-E-Artizo is a seamless, solvent-free, Epoxy Resin Terrazzo Floor system that provides an aesthetically pleasing floor with Granite and Flint Aggregates.**

brix-E-Artizo is ideal for use in heavy duty food and Pharmaceutical Production and Process Areas, Corridors and kitchens. They are also suitable for airport and Railway Terminals, Shopping Centers, Hotels and Restaurants

## Fire Resistance

BS476-7

## Slip Resistance

Dry>40

## Temperature Resistance

$\leq 600^{\circ}\text{C}$

## Abrasion Resistance

50 mg loss per 1000 cycles

## Compressive Strength

$>55 \text{ N/mm}^2$

## Compressive Strength

$>20 \text{ N/mm}^2$



## Tensile Strength

$>10 \text{ N/mm}^2$

## Speed of Cure

- Light Foot Traffic – 16 hours
- Light Wheeled Traffic – 24 hours
- Heavy Duty Traffic – 36 hours
- Full Chemical Cure – 6 days

## Storage

All components should be stored off the ground, in a cool dry area, away from direct sunlight between  $10 - 30^{\circ}\text{C}$



## COLOR CHART

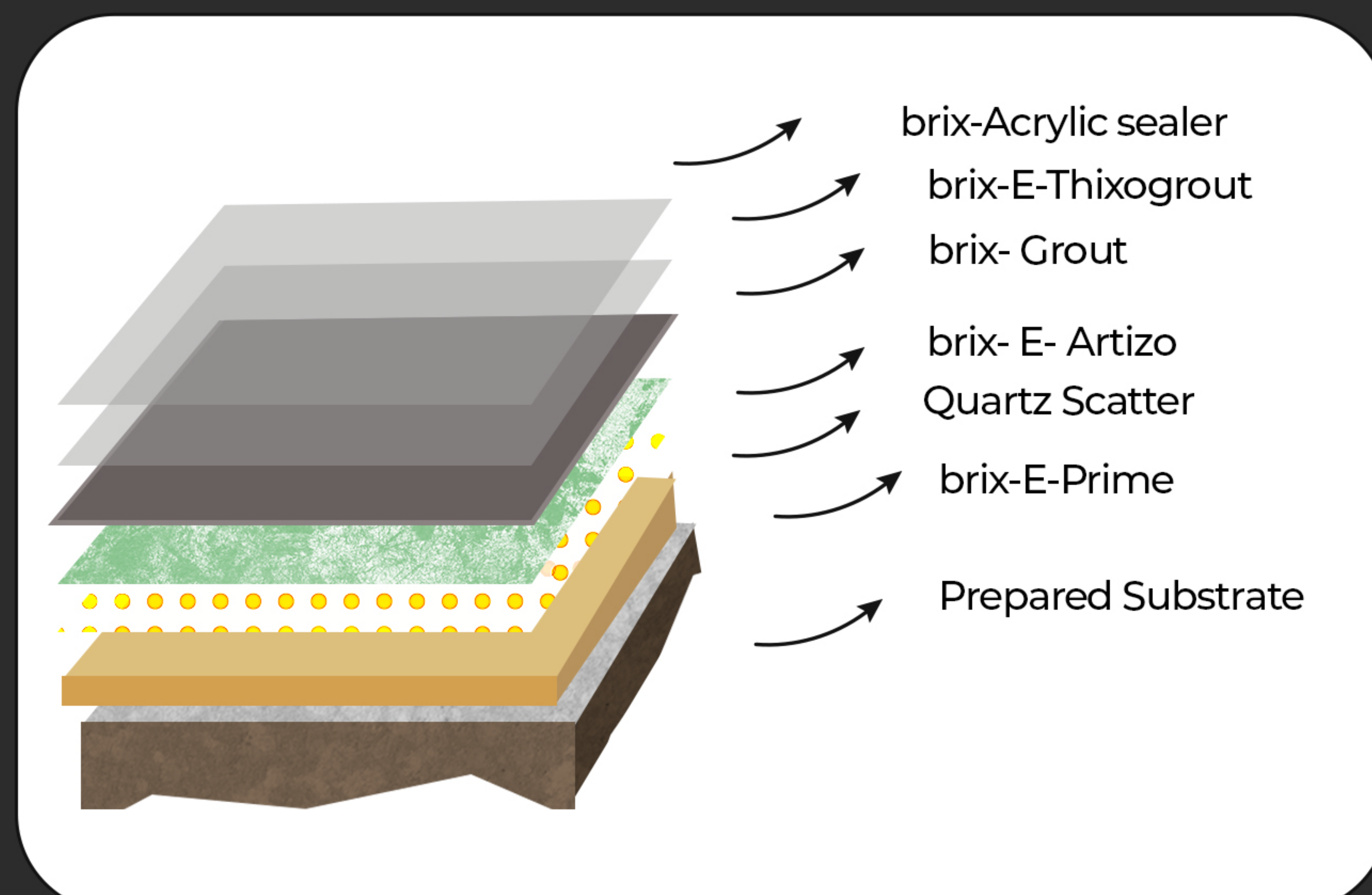


The applied colors may differ slightly from the examples show above. Contact our Technical Services/QC Team for a true color sample or a special Color Match

### **BENEFITS OF A brix-E-ARTIZO Floor**

- Aesthetically Pleasing
- Solvent Free & Low Odor
- Flexible Design
- Seamless Finish
- Easy to Clean and Maintain
- High Abrasion Resistance
- Long Life Span
- High Chemical Resistance

### **SYSTEM DESIGN**





## Application Temperature

~10 – 30°C is recommended. Outside of this range, heating or cooling equipment should be used to achieve ambient conditions. The substrate, before priming, should be at least 3oC above the dew point to reduce the risk of condensation or blooming. This should be maintained for 48 hours after application.

## Substrate Requirements

brix-E-ARTIZO is suitable for application on cementitious substrates and suitable polymer modified screeds. All substrates should be capable of bearing loads, free of cracks and voids as well as free from laitance, dust and other contamination including dirt, oil, grease, coatings, and surface treatments. The substrate should be sound with a minimum compressive strength of 25 N/mm<sup>2</sup> and a minimum tensile strength (pull-off) of 1.5 N/mm<sup>2</sup>. The concrete substrate must be a minimum of 28 days old and the residual moisture content must be a maximum of 4% CM. Where the concrete substrate is in contact with the ground, an effective damp proof membrane should have been incorporated into the slab design.

## Substrate Preparation (After Grinding)

### Priming

If the slab requires priming, brix-E-Prime is recommended. Allow to cure before applying the brix-E- ARTIZO. To improve inter-coat adhesion, broadcast aggregates while the primer is still wet. For details of other specialist primers contact our Technical Department.

(Please contact our Quality/Technical Team for Application Instructions)

## Further Information

Information relating to the safe handling of this product can be found in the Material Safety Data Sheet. Local regulations concerning the safe handling of resin-based coating materials must be observed. Suitable protective clothing including suitable eye protection must be worn at all times. All consumptions listed are for recommendation purposes only. Detailed application instructions and system build-up advice can be provided on request through our Technical Services team. Products are guaranteed against defective material and manufacture and are sold subject to its standard Terms and Conditions of Sale, copies of which can be obtained on request.

