

Textured Elastomeric Caulk

Product Data Sheet



ArcusStone®

Product Description

A very durable, UV resistant, non-toxic, highly elastic 100% acrylic resin formula textured sealant which provides a very realistic mortar joint appearance and forms a tough, protective joint that will not tear or pull away. It is capable of withstanding repeated expansion and contraction cycles caused by temperature fluctuations, and moisture intrusion.

Uses

Specifically developed for use as a textured joint fill material (max. ¼" thickness) for ArcusStonecoat applications and terminations of ArcusPlaster where meeting wood and other dissimilar materials.

Availability

5 Gal. pails (18.93 L). - (7) seven standard ArcusStone colors are in stock, with all other standard colors and custom colors available on a 60 gallon minimum order.

Colors in stock in 5 gallon pails; Dover, French Cream 10, French Cream 33, Champagne 10, Champagne 50, Taupe 16, Taupe 50 10.3 oz. (300 ml) tubes – (3) standard ArcusStone colors are in stock, with all other colors and custom colors available in 62 case minimum orders (12 tubes per case).

Colors in stock in 10.3 oz (300 ml) tubes; Dover, Champagne 10, Champagne 50.

Coverage

5 GALLON PAIL

1/2" w x ¼" deep joint – 930 l.f.; 3/8" w x 3/16" deep joint – 1860 l.f.; ¼" w x 1/8" deep joint – 3700 l.f.

10.3 OZ. TUBE

1/2" w x ¼" deep joint – 15 l.f.; 3/8" w x 3/16" deep joint – 30 l.f.; ¼" w x 1/8" deep joint – 60 l.f.

Limitations

Do not use where subject to constant water immersion. Avoid exposure to continuous high levels of chlorine (>5ppm) including those levels found in swimming pools. Do not apply to hot, wet, frozen, or thawing surfaces.

Technical Data

Application

Material is gunned into joint with standard 10.3 oz or rechargeable 15 oz tube and tooled. The use of closed cell foam backer rods is required for joints exceeding 3/8" in depth.

Climatic and Environmental

Caulk should not be applied unless surface and air temperature is between 40°F (4.5°C) and 90°F (32°C).

If temperatures below 40°F (4.5°C) are expected within 48 hours of application, do not apply unless work area is protected by proper tenting and heating. Protect treated surfaces from rain and other sources of direct water splash (e.g. landscape sprinklers) for a minimum of 48 hours after application.

Substrate Preparation

Surfaces must be sound, dry, and free of cracks, dirt, efflorescence, or other contaminants which may affect performance and bonding. New ArcusStone coatings must be allowed to cure for a minimum of 24 hours before application of this product. Protect / mask off adjacent surfaces. Should product contact occur with surfaces not intended for application, remove immediately with a 50/50 mix of isopropyl alcohol / water. If in doubt as to compatibility of product with other pre-applied sealers, paints, or other coatings, contact ArcusStone Technical Services.

General Application Procedures

If using product from 5 gallon pail, apply with a rechargeable 15 oz bulk caulking gun. Hold nozzle at a 45 degree angle to work and apply product with constant pressure to the trigger, forming a smooth, even bead. Tool bead with a stainless steel or tuck pointing tool dipped into a 50 / 50 solution of isopropyl alcohol and water, which will act as a release agent and allow tool to glide smoothly. Do not spray or apply release agent directly to substrate. The tooled bead should be firmly troweled into the edges to ensure complete adhesion.

If using the standard 10.3 oz caulk tube, cut nozzle to desired width, and apply with even pressure and tool as described above.

Recommended Width – ¼" to ½".

Recommended Thickness (depth) – 1/8" to ¼".

Drying Time – Product skins over in approximately 30 minutes and will be surface dry in 8-10 hours, and completely cured in 1-3 weeks. Product should be protected from contact damage for at least 1 week from application.

Clean Up

Immediately clean tools and inadvertent applications with water and mild detergent, rinsing with clean water. If allowed to dry, mechanical means may be necessary to remove material.

Precautions

Use with adequate ventilation, wear eye protection, dust mask, protective clothing, and gloves or protective cream on hands. If product contacts eyes, flush with clean water for 5 minutes and seek medical attention if irritation persists.

Storage

Store out of direct sunlight at temperatures between 40°F (4.5°C) and 90°F (32°C). Store on pallets under cover, not exposed to weather. Do not stack more than 2 pallets high. KEEP FROM FREEZING. If frozen or partially frozen, discard.

Shelf Life

Rotate stock. Product has a 2 year shelf life in unopened original pails. To store opened containers, put approximately one inch of water in pail over product and tightly seal.

Warranty

10 year Limited Warranty when installed in accordance with all use and application instructions. See product label for exceptions and other information related to warranty.

Test Data

Meets or exceeds ASTM –C834 Standard Specification for Latex Sealants.

Technical Support

For questions concerning this product or its use, contact ArcusStone Technical Services at (415) 339-4060.

PHYSICAL PROPERTIES AND TYPICAL PERFORMANCE CHARACTERISTICS

Composition	Textured Acrylic Caulk
Viscosity	Trowel Grade
Density	14 lbs./gal.
VOC	25g/L
pH	8.5-9
% Solids	84%
Elongation	50%
Temp Range	-40°F TO 250°F
Odor	None when dry
Toxicity	non-toxic
Shelf Life	2 years
Stability	Salt spray stable
Test Std.	ASTM C834