

1. PRODUCT NAME

BONSTONE® BLOCK-IT

2. MANUFACTURER

Bonstone Materials Corporation

3. PRODUCT DESCRIPTION:

Block-It is a one component, moisture cure polyurethane adhesive specifically formulated to bond landscape stone as well as masonry blocks. There are no solvents in the formulation and it is user friendly.

Basic Uses:

- Permanently bond masonry block and natural stone
- Secures natural and engineered stone retaining walls
- Bonding porous stone and concrete to other construction materials
- Bonding porous stone to porous stone
- General purpose adhesive for wood, concrete, metal
- Bonding porous stone or hardened concrete to hardened concrete.

Benefits:

- Can be applied to dry, damp or frozen stone.
- It can also be applied in hot or cold weather conditions.
- Allows for a uniform adhesion layer which helps form a permanent bond between the substrates.

Limitations:

All surfaces must be free of dirt, dust, oil, and grease. Surfaces must be coating free.

Color:

Brown liquid

4. TECHNICAL DATA:

Physical Properties/ Values

Viscosity: 6500 cps +/- 2600 cps

Weight: 9.3 lbs/gallon

Open Time: 20 minutes

Set Time: 50 minutes

Cure Time: 3 hours

VOC Content, (g/L): 0

5. INSTALLATION

Surface Preparation & Use:

Use gloves, wear eye protection, and avoid skin contact. Remove loose stone or masonry from bonding area to ensure flat uniform fit.

Clean uncured Block-It from tools with toluol (toluene) or xylol (xylene). Use caution, as these solvents are flammable. Ensure local ventilation. Remove cured Block-It mechanically.

Temperature dependency:

Speed of cure will be affected by temperature—lower temperatures will prolong cure, higher temperatures will shorten cure time.. Use between 50F and 100F.

Coverage:

Approximately 50 lineal feet of a 3/8" bead per 10oz. tube;
Approximately 160 lineal feet of a 3/8" bead per 32 ounce bottle

6. AVAILABILITY

Packaging and Storage:

The Block-IT adhesive is packaged in 10oz. cartridges, 32-ounce bottle, 5 gallon pails, and 55 gallon drums
All materials should be stored between 65F- 105F.

7. WARRANTY

This product's warranty is limited to replacement of defective material and freight charges to destination only. Bonstone Materials Corp. is not responsible for consequential damages.

8. MAINTENANCE

Designed for application in areas inaccessible to maintenance procedures.

9. TECHNICAL SERVICES

- Specifications for various applications
- Specification writing dept. for unique applications