

# CALSTONE

# Fine #9 Permeable Joint Rock

## FOR PERMEABLE INTERLOCKING CONCRETE PAVER JOINTS



### PRODUCT

Permeable - Fine #9 Joint Rock

### MANUFACTURER

CALSTONE  
426 East Grant Line Rd. Tracy, CA 95376  
209-833-7366  
CALSTONE.COM

### INSTALLATION

1. Following placement of paving stones as per ICPI standards, assure that all stones have a minimum of 4 mm joint. Pay particular attention to cut stones as these may have had cast-in-place joint spacers removed.
2. Spread Fine #9 joint filler somewhat evenly across the pavement surface.
3. Fill the paver joints by sweeping Fine #9 joint filler across the surface until the joints are full or within 6mm (1/4") of the surface.
4. Sweep off any additional material that may scratch or scar the surface of the pavers during the compaction process.
5. Compact the pavers using a plate compactor capable of 5000 lb./ft. at 75-90 Hz as outlined by the ICPI. A minimum of 2 passes should be made with the second pass at 90 degrees, or perpendicular, to the first.
6. Repeat steps 2-4 to top off joints to within 6mm (1/4") of the surface, and remove all excess.

### DESCRIPTION

Calstone Fine #9 permeable joint rock is manufactured to meet ASTM D448 stone size #9 for use in permeable interlocking concrete paving joints as specified by the Interlocking Concrete Pavement Institute (ICPI). Calstone Fine #9 is specially sized for rapid joint filling into permeable paver joints with openings as small as 4.5 mm (approx. 3/16").

### QUALITIES

- 100% crushed granite with a minimum of 90% fractured faces
- Graded to meet ASTM D448 Stone size #9 with 100% passing a #4 sieve
- LA abrasion loss of less than 40 per ASTM C 131
- CBR minimum rating of 80% per ASTM D1883
- Washed with less than 1% passing a #200 sieve

### GRADATION

ASTM No. 9 Modified Joint/Opening Filler  
Grading Requirements

Sieve Size	Percent Passing
4.75 mm (No. 4)	100
2.36 mm (No. 8)	10 to 40
1.18 mm (No. 16)	0 to 10
0.30 mm (No. 50)	0 to 5

### COVERAGE

One 50 lb bag is specifically designed for our narrow joint permeable pavers, will install approximately 40 to 60 square feet.

### TECHNICAL SERVICES

Contact Calstone for technical advice.

### WARRANTY

The technical information and usage statements are based on our best knowledge. The contents of this specification sheet are presented for informational purposes only and do not constitute responsibility for their use. The manufacturer will replace only that material which is proven defective due to quality of the components or the manufacturing process

### HEALTH & SAFETY

Prolonged exposure to dust may cause delayed lung disease. Eliminate exposure to dust. Use NIOSH approved mask for silica dust. Freshly mixed materials may cause skin irritation. Avoid direct contact where possible and wash exposed skin areas promptly. If any cementitious materials gets into the eyes, rinse immediately and repeatedly with water and get prompt medical attention.



WARNING: Cancer and Reproductive Harm - [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov).

Refer to Safety Data Sheet (SDS) for further information. Available at [Calstone.com](http://Calstone.com).

