



# 3/8 BASALT COARSE AGGREGATE

3/8" Coarse Aggregate For Volume Extension of High Temperature Cementitious Grouts/Mortars

## PRODUCT DESCRIPTION

Five Star® 3/8 Basalt Coarse Aggregate is a kiln-dried, 3/8" X #4 angular coarse aggregate used for extending Five Star® cementitious grouts and mortars. It will provide product versatility and heat dissipating qualities to a mixture. Due to its low coefficient of thermal expansion, Five Star® 3/8 Coarse Aggregate is suitable for high temperature exposure. Five Star® 3/8 Basalt Coarse Aggregate conforms to ASTM C33.

## ADVANTAGES

- Washed, screened, and dried for better mixing and placement results.
- Low coefficient of thermal expansion makes it suitable for high temperature exposure.
- Appropriately sized for pumping applications

## USES

Intended for use with Five Star Structural Concrete® HTR, Five Star Structural Concrete® HTR ES, and Five Star® HTR Grout. Can also be used for extending other Five Star® cementitious products. Refer to product Five Star® Technical Data Sheets for further details.



## PACKAGING

Five Star® 3/8 Basalt Coarse Aggregate is packaged in a 50 lb. (22.7 kg) bag.

## SHELF LIFE

Indefinite with proper storage. Poor storage conditions could affect ASTM C33 status.

### SUMMARY OF AGGREGATE TESTING - TYPICAL SAMPLE CRUSHED BASALT GRAVEL

Test Method	Five Star® Basalt Coarse Aggregate	ASTM C33 Requirements
Saturated Surface Dry Absorption (%)	0.4 - 0.6	Not Required
Bulk Specific Gravity, SSD, ASTM C127	2.65 - 2.75	Not Required
Clay Lumps and Friable Particles (%), ASTM C142	≤ 1.0	5.0% max
Lightweight Particles (%) (Chert & Shale), ASTM C123	≤ 1.0	5.0% max
Lightweight Particles (%) (Coal & Lignite), ASTM C123	≤ 0.5	0.50% max
LA Abrasion (%), ASTM C131	Meets	50% max
Soundness (%) (Magnesium Sulfate), ASTM C88	Meets	18% max

SKU/PRODUCT CODE	DESCRIPTION	#UNITS/PALLET	UNIT SIZE
17620	Five Star® 3/8 Basalt Coarse Aggregate	60	50 lb. (22.7 kg) bag

For more detailed information, contact your local Five Star® Technical Sales Representative at 1-800-243-2206.

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Specifications Subject to Change.  
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