



# GRANULES

GRANULES (PAIL)  
GRANULES (SUPER SAC)

Order No. \*  
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\* Contact your Soprema Customer Service Representative  
Order number varies based on color

## DESCRIPTION

Semi-ceramic coated colored granules provide improved weathering resistance and aesthetic appeal for both side lap and end lap bleedout. Granules may also be embedded into Alsan Flashing.

<u>Physical Baserock Properties:</u>	<u>Typical</u>
• Hardness: Barrett (ISP MP- 7) Mohs 4 - 5	84.0
• Specific Gravity (ISP MP-33)	3.01 - 3.05
• Oil Absorption - lbs/ton (ISP MP-6)	24 - 28

<u>Ceramically Colored Granule Properties:</u>	<u>Range</u>
• Specific Gravity (ISP MP-33)	2.90 - 3.05
• Bulk Density - Loose in lbs./ft3 (ISP MP-13)	90.8 - 100.5
• Moisture	0 - 0.2%

Granule Screen Grading (ASTM D-451):

<u>Standard Sieve</u>		<u>Percent Retained</u>	
<u>Tyler</u>	<u>U.S.</u>	<u>Minimum</u>	<u>Maximum</u>
8	8	0.0	Tr
10	12	4.0	10.0
14	16	30.0	45.0
20	20	25.0	35.0
28	30	14.0	24.0
35	40	2.0	9.0
Pan	Pan	0.0	2.0

**Color:**

- Contact Soprema.
- Fired granule appearance prior to oiling will be +0.5 color units of standard for L, a, b, scales (ISP MP-23).
- Color Permanence -Demonstrated by long term performance in natural weathering testing.

**Availability:**

- Contact Soprema