



The Shepherd Color Company
We Brighten Lives



Key Features

- High opacity and chromaticity
- Easily dispersed, no grinding required
- Clean, bright masstone
- High Near IR reflectivity
- Outstanding weathering performance
- Heat & Chemical resistance
- High/Low pH stable
- 100% Color
- Compatible with solvent, water, 100% solids
- No organic dispersant

Benefits

- Fully dispersed in minutes
- Reduce cycle time by >75%
- Faster dispersion than easily dispersed TiO₂
- Consistent "locked-in" color
- Make any batch size economically
- Truly universal colorant
- No organic dispersant included to degrade coating performance

Key Markets

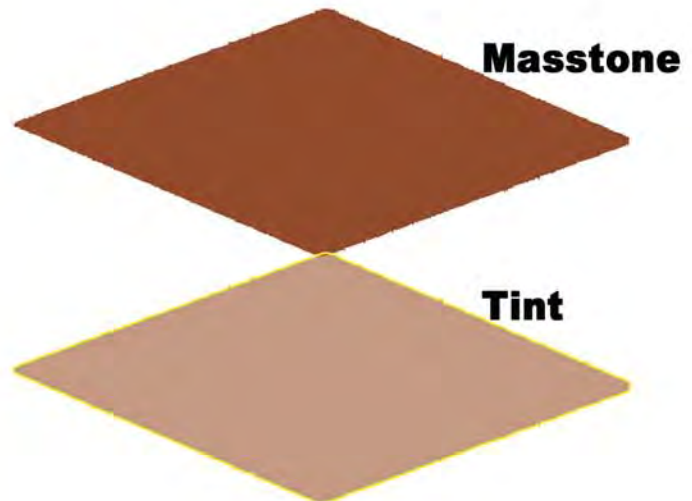
- Building & Construction
 - Metal roofing & cladding, window profiles, curtain wall panels, facades
- Military Coatings
- High Heat Coatings
- Appliances
- Automotive
- General Industrial
- Architectural

Typical Applications

- Coil & Extrusion Coatings
- Powder Coatings
- Waterborne & Solventborne Coatings
- Silicate & Masonry Coatings
- Radiation Cured Coatings
- Near-IR Camouflage Coatings

Brown 30C888

CI Pigment Brown 33



Just stir them in!

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Technical Information

Brown 30C888

Chemical Composition

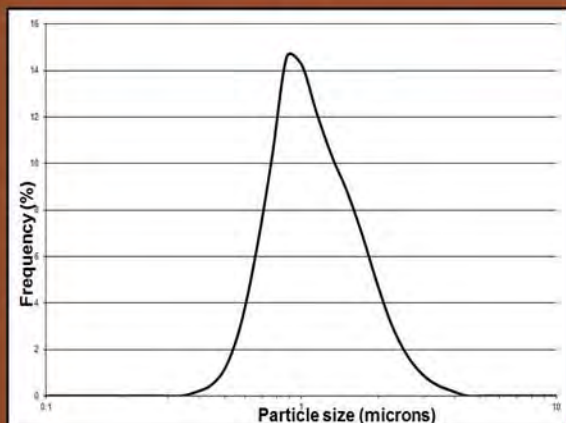
- FeCrZnTi
- CAS # 68186-88-9*

Regulatory Compliance

- Toy Safety EN71.3:2013 Category I (2% max)
- Council of Europe AP(89)1 AS 2070-1999
- Packaging 94/62/EC
- ELV 2000/53/EC
- RoHS 2000/95/EC
- WEEE 2002/96/EC
- CONEG
- TCLP
- BfR

Particle Size Distribution

Mean particle size: 1.0 microns



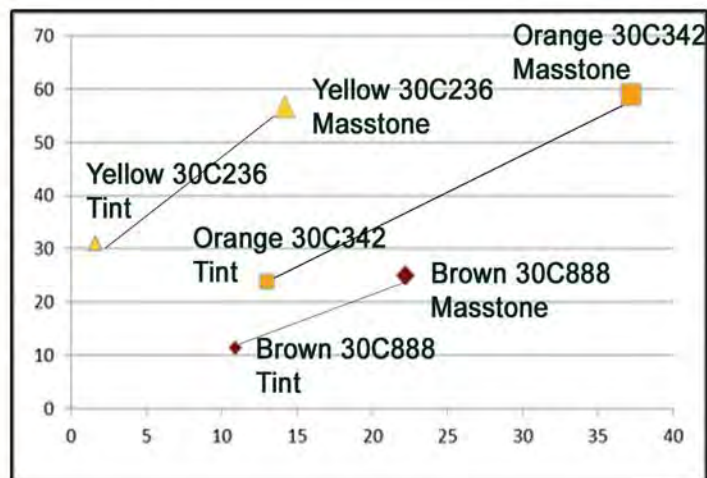
IR Properties



Total Solar Reflectance (TSR) 37%
Brown 30C888 is part of the Arctic® range for coatings and can be used in color matches to maximize TSR.

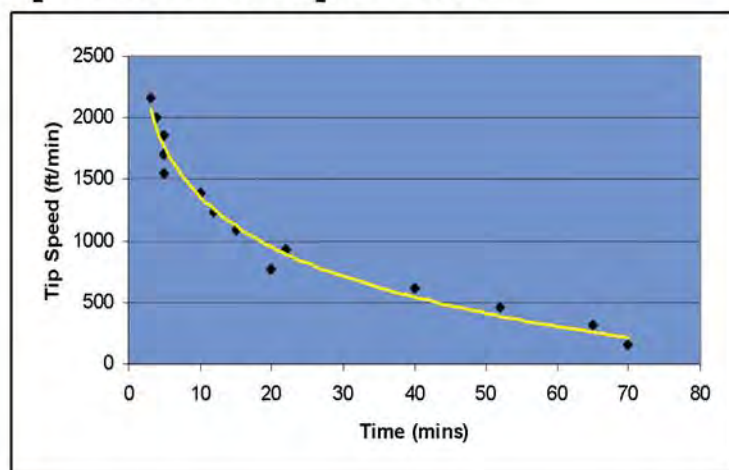


Color Space



Masstone	L*	a*	b*	C*	h°
Brown 30C888	43.7	22.2	25.0	33.5	48.4
Yellow 30C236	73.6	14.2	56.7	58.5	76.0
Orange 30C342	59.9	37.2	58.9	69.6	57.7
4:1 Tint					
Brown 30C888	76.2	10.9	11.4	15.8	46.3
Yellow 30C236	86.7	1.6	31.1	31.1	87.0
Orange 30C342	83.7	13	23.8	27.1	61.3

Time to achieve optimum dispersion



Dispersion times to achieve >7.5 Hegman will vary depending on the equipment.

Typical times are:

- Shaker** 5 - 15 minutes
- HSD** 5 - 20 minutes
- Paddle stirrer** 45 - 90 minutes