

F66 (MC-56, E14)

HI-BILD CHLORINATED RUBBER **B63 SERIES**

PRODUCT DESCRIPTION

HI-BILD CHLORINATED RUBBER is a high build, solution chlorinated rubber coating for heavy duty protection in industrial environments. Its fast drying characteristics allow for applying multiple coats the same day.

USES:

- o Areas of excessive moisture
- o Bleacheries/laundries
- o Chemical plants
- o Interior/exterior
- o Paper mills
- o Plating plants
- o Shower rooms
- o Water immersion @ 77oF

PHYSICAL PROPERTIES

- o Abrasion resistance.....169mg
(ASTM D4060, CS17 wheel, 1000 cycles)
- o Direct impact resistance.....52 in. lbs.
(ASTM D2794)
- o Dry heat resistance.....105oF
(ASTM D2485)
- o Elcometer adhesion.....500 psi
(ASTM D4541)
- o Exterior durability.....Very Good
(with non progressive chalk face
developing in 6-9 months)
- o Flexibility..... Passes
(ASTM D522, 180 bend, 1/4" mandrel)
- o Moisture condensation resistance..Very
Good
(ASTM D4585, 1000 F, 2100 hours)
- o Pencil hardness (ASTM D3363).....3B
- o Salt fog resistance.....Very Good
(ASTM B117, 500 hours)
- o Thermal shockExcellent
(ASTM D2246, 5 cycles)

RESISTANCE GUIDE: (Resistance to fumes, splash and spillage-not immersion ASTM D3912)

- o Acid salt solutions.....Moderate
- o Aliphatic hydrocarbon
solvents.....Not Recommended
- o Alkalies.....Moderate
- o Alkali salt solutions.....Moderate
- o Aromatic hydrocarbon
solvents.....Not Recommended
- o Chlorinated solvents.....Not Recommended
- o Fresh water/salt water @ 77oF...Immersion
- o Glycol ethers, alcohols, formaldehyde.....Light
- o Inorganic acids.....Moderate
- o Organic acids.....Severe
- o Oils (cutting, vegetable
lubricating).....Not Recommended
- o Oxygenated solvents.....Not Recommended

CHARACTERISTICS

- o Color/Finish: Wide range of colour possible*
/ 60 ±10 units @ 60o

*(Available in Pure White, Midtone, Deeptone and Ultradeep Bases and OSHA Colours).

- o Curing Mechanism: Solvent evaporation

o Drying Schedule: (temp & humidity dependent)
 @77oF & 50% RH @ 9 mils wet:
 To Touch: 15 minutes
 To Recoat: Spray - 1 hour
 Brush (small areas) - 18hrs
 To Cure: 7 days

Flash Point: 70oF
 Pensky-Martens Closed Cup)

Packaging: 1&5 gallon containers

Recommended
 Spreading Rate: wet mils: 9.0-12.0
 dry mils: 3.0-4.0
 approx.sq.ft/gal:132-176

Spreading Rate:
 Coverage: 529 sq.ft/gal @ 1.0 mil dry
 (theoretical, no loss)

Shelf Life: 36 months unopened @ 77oF

Shipping
 Classification: 1's - X002; 5's - X003

o Shipping Weight: (Pure White)
 1's:(4/case) 44.7 lbs.
 5's: 54.1lbs.

o VOC: 580 gms/ltr

Volume Solids: 33%+/-2% (Pure White)

Weight Solids: 53%+/-2% (Pure White)

Weight/Gallon: 10.5+/- .1lbs/gal (pure white)

Analysis:	(Pure White)	
Pigment by weight		22%
Titanium Dioxide		20%
Talc		2%
Vehicle by weight		78%
Halogenated Rubber		10%
Acrylic Resin		4%
Chlorinated Paraffin		16%
Aromatic Solvent		33%
Keytones		14%
Additives		1%
Total	100%	100%

SURFACE PREPARATION

Surface must be dry and in sound condition. Remove oil, dust, dirt, mill scale or other contaminants to ensure good adhesion.

Iron and Steel: Min. surface preparation is Power Tool clean per SSPC-SP3. For severe exposure or fresh water immersion, blast steel to Near White Metal per SSPC-SP10, median profile 1.5 mils. Prime the same day as blasted with Hi-Bild Chlorinated Rubber Primer, B63 H1.

Aluminium: Remove all oil, grease, dirt, oxide and other contaminants by Solvent Cleaning per SSPC-SP1. Prime with Industrial Wash Primer, P60G2/R7K44.

Concrete Block: Surfaces should be thoroughly clean and dry. Surface temperatures must be at least 55oF before filling. Use Heavy Duty Block Filler, B42W46 or Kem Cati Coat Epoxy Filler/ Sealer, B42WA8/B42WA9. The filler must be thoroughly dry before topcoating per manufacturers recommendations.

Galvanised Metal: The surface should be exterior weathered for 6 months prior to painting. Solvent clean per SSPC-SP1 and prime with Industrial Wash Primer, P60G2/R7K44. When weathering is not possible, or the surface has been treated with chromates or silicates, first Solvent clean per SSPC-SP1, and apply a test area using Industrial Wash Primer, P60G2/R7K44 as a primer coat. Allow paint to dry one week before testing adhesion. If adhesion is poor, brush blasting is necessary to remove these treatments.

Masonry: All masonry must be free of moisture, dirt, oil, grease, loose paint, mortar, masonry dust etc. Poured, troweled or tilt-up concrete, plaster, mortar, etc. must be thoroughly cured at least 30 days at 75oF. Form release compounds and curing membranes must be removed by brush blasting. Weathered masonry and soft or porous cement board must be brush blasted or power tool cleaned to remove loosely adhering contamination and to get a hard, firm surface. Reduce first coat of Hi-Bild Chlorinated Rubber 50%. Follow with 1 full coat unreduced.

PREVIOUSLY PAINTED SURFACES

(not for immersion or floors): If in sound condition, clean the surface of all foreign material. Test for compatibility to previous coating. If lifting occurs, apply a barrier coat of Kem Kromik Universal Primer, and follow with Hi-Bild Chlorinated Rubber. If paint is peeling or badly weathered, clean to sound substrate and treat as a new surface.