

Soft Chipping Guard Primer Coat

Types of Soft Chipping Guard Primer (Reference)

| Type | Application | Composition | Physical property | Drying time |
|--------------------------------------|---|---|--|---|
| Dual liquid synthetic resin | Room temperature Baked at 176°F (80°C) for 40 minutes | Pigment: 12% Calcic pigment: 37% Epoxy poliole resin: 15% Additive, Solvent 36% ----- 100% | Color: Gray Viscosity: 68°F (20°) Non volatile: 65% mini. Specific gravity: 68°F (20°C), 1.378 | Room temperature: 68°F (20°C), 3 days Baked: 176°F (80°C), 40 minutes (to harden thoroughly) |
| Dual liquid Acrylic Urethane } resin | Room temperature Baked at 176°F (80°C) for 30 minutes. | Pigment: 40% Acrylic resin: 37% Additive, Solvent 23% ----- 100% | Color: Gray Viscosity: 68°F (20°) 4-6 Poiseuille Non volatile: 65% mini. Specific gravity: 68°F (20°C), 1.35 | Room temperature: 68°F (20°C), a day Baked: 176°F (80°C), 30 minutes (to harden thoroughly) |

Repair Materials and Tools (Example)

Gun and brushes:

- Spray gun

NOTE: Any gun having a tip of more than 1.0 mm (0.04 in) in diameter may be used for spraying the primer.

- Viscosity measure
- Iwata-type (IMS) cup, Ford cup
- Beaker
- 1-2 in (1.05 - 2.10 U.S.qt, 0.9 - 2 Imp.qt) in capacity
- Stirring stick

Tools:

- Air or double action sander
- Sandpaper (#240-1400)

Thinner and cleaner:

- Use the thinner specified for the primer.
- Any commercially available lacquer thinner may be used to clean the gun.

Materials:

- Use primers equivalent to the ones shown in Types of Chipping Guard Primer (Reference).
- Make sure to keep the thickness of the coat at 20 micros.

Masking:

- Masking tape, paper, vinyl sheet and plate (veneer and steel).
- Masking plates are not necessary when spraying in a booth.

Protectors:

- Wear an approved respirator or dust mask, gloves, safety goggles and other protective clothing.
- Rags.

⚠ WARNING

- Most paints contain substances that are harmful if inhaled or swallowed. Read the paint label before opening the container.
- Spray paint only in a well ventilated area.
- Cover spilled paint with sand, or wipe it up at once.
- Wear an approved respirator, gloves, eye protection and appropriate clothing when painting. Avoid contact with skin.
- If paint gets in your mouth or on your skin, rinse or wash thoroughly with water. If paint gets in your eyes, flush with water and get prompt medical attention.
- Paint is flammable. Store it in a safe place, and keep it away from sparks, flames or cigarettes.