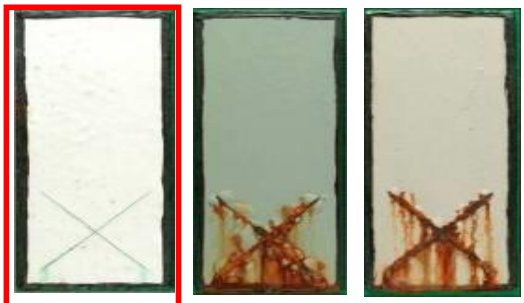
SLAG LEAD SR METHOD

Compound Type (Self Repairing) Anti-Corrosion

◆ Corrosion acceleration test results



Compound Type (SLAG LEAD SR) | Epoxy Resin Type | Epoxy Resin Type

◆ Standard usage (Example)

Process	Product Name	Standard Usage	Film thickness (Dry)	Film thickness (Wet)
① Under Coat	SLAG LEAD SR	500g/㎡	180 ㎛	320 ㎛
② Intermediate Coat	SR PRIMER	200g/㎡	60 ㎛	108 ㎛
③ Top Coat	SR TOP HG	120g/㎡	25 ㎛	53 ㎛
Total			265 ㎛	481 ㎛

◆Package :4.2kg／set

MATERIAL A (POWDER) : 1.1kg
MATERIAL B (MIXED SOLUTION) : 0.7kg
MATERIAL C (Anti-Corrosive Agent) : 0.3kg
} ×2

◆ Material Stirring Method

【Material Compounding ratio】 A : B : C = 1.1 : 0.7 : 0.3 (weight ratio)

① Pour Material B & C into the container and stirr.

② Add all the powder to 1 and mix the whole manually and quickly.

③ Stirr for about 3 min at high speed(1100rpm).

※ If high-speed rotation is applied during ①and ②, the material will scatter and entrain air.
※ Please use the attached container.

◆ Precautions for stirring and kneading

・Kneading time

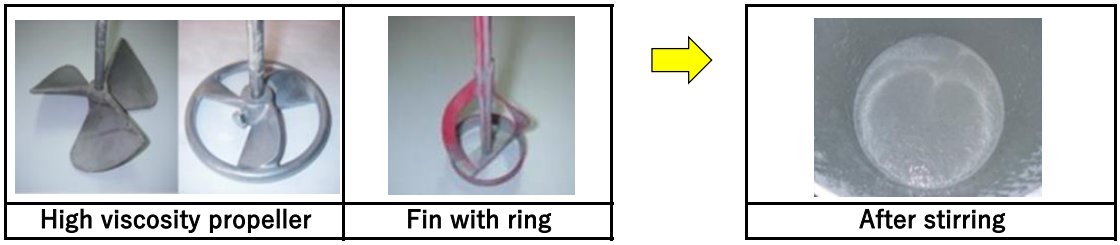
Kneading time Please use an electric stirrer when stirring the undercoat.
Please note that if the stirring time is short, it may cause lumps.

・Selection of stirrer (when temperature is 20 ° C and humidity is 60%)

＊Handheld high-speed kakuhan machine (about 1100-1300 rpm) Stirring time about 3 minutes

・Selection of stirring blades

The stirring blade is best suited for propeller-shaped high viscosity where liquid convection occurs.



High viscosity propeller | Fin with ring → After stirring

◆ Kneading and stirring procedure Reference photo

STEP:1 ※× High-speed stirring ○ Spatula / manual stirring blade

①Add C material to B material. ②Mix manually to make a uniform liquid.

STEP:2 ※× High-speed stirring ○ Spatula / manual stirring blade

Immediately after launch → Until the powder disappears on the surface

④Add material A. ⑤Mix the liquid and powder with a stirring blade or spatula.

Image of submerging powder in liquid.

STEP:3 ○ High-speed stirring

⑥ At high speed rotation (1100 rpm)
Stir for about 3 minutes.
Cut off the lumps,
Make it a uniform liquid.

Kneaded

⑦ Kneaded

It becomes a smooth liquid.

If the viscosity is high,
Dilute with water.
(0-3%)

※ High-speed stirring in STEP1 and 2 may cause poor kneading due to material scattering and air entrainment.

● **NG example**

Example of high-speed rotation and air entrainment in STEP1

Example of lumps remaining due to poor stirring
⇒Please use by straining.

When kneading 4 kg, a bucket of about 5 L is recommended

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Kneading procedure video (Japanese Ver)

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