

Technical Specification Sheet

1. Finish coats (natural limestone-based Shikkui plasters)

#	Product	Description and application	Package	Preparation	Coverage	Thickness
Shikkui line (smooth flat surfaces)						
1.1	Shikkui Sora	Universal finish coat. Can be applied by spraying machine, roller or trowel. Allow up to 12 hours to dry.	44lb (20kg) powder	Mix with 2.6*~4.7 gal (10*~18 L) of water	720 ft ² (66 m ²)* 290-485 ft ² (27-45 m ²)	0.4 mm* 0.6-1.0 mm
1.2	Shikkui Classic	Traditional Japanese Shikkui plaster. Allow 6-24 hours to dry.	44lb (20kg) powder	Mix with 4.2-4.7 gal (16-18 L) of water	160-300 ft ² (15-28 m ²)	0.8-1.5 mm
1.3	Shikkui Bright	Plaster with extra white color surface. Allow 6-24 hours to dry.	44lb (20kg) powder	Mix with 4.2-4.7 gal (16-18 L) of water	160-300 ft ² (15-28 m ²)	0.8-1.5 mm
1.4	Shikkui Kodai	Premium ready-to-use Shikkui plaster with extra durable finish surface. Allow 6-24 hours to dry.	44lb (20kg) paste	None. Already in paste form.	107-200 ft ² (10-18.5m ²)	0.8-1.5 mm
1.5	Shikkui Noro	Special fine polish coat rich in color. Applied on Shikkui Kodai, which should still be slightly wet.	2.2lb (1kg) paste	None. Already in paste form.	21-27 ft ² (2-2.5 m ²)	0.2-0.3 mm
Kabekobo line (relief surfaces)						
1.6	Kabekobo Doki	Natural breathing surface with diatomite powder and sand. Standard or comb patterns. Allow 1-3 hours to dry.	44lb (20kg) package (base + additives)	Mix with 44-66lb (20-30kg) of sand and 6 gal (23 L) of water	54-86 ft ² (5-8 m ²)	5-8 mm
1.7	Kabekobo Creta	Finish coat with durable relief surface	53lb (24kg) package (incl. color pigments)	Mix with 0.8-1.3 gal (3-5 L) of water	65-75 ft ² (6-7 m ²)	4-5 mm
1.8	Kabekobo Takumi	Shikkui finish coat rich in diatomite powder for advanced humidity control.	11lb (5kg)	Mix with 2/3 gal (2.5 L) of water	34 ft ² (3.2 m ²)	1.8 mm

* Application by an airless spraying machine

2. Base coats

#	Product	Application	Package	Preparation	Coverage	Thickness
2.1	Shikkui Base	Limestone base coat for surface smoothening and increased humidity control. Exterior and interior application. Finish can be applied in 1 hour on still wet surface.	55lb (25kg) powder	Mix with 2 gal (8 L) of water	75 ft ² (7 m ²)	2.5 mm
2.2	Interior Base	Sprayable gypsum base coat for drywall and plywood surfaces. Interior application. Allow up 12 hours to dry.	44lb (20kg) powder	Mix with 2.9 gal (11 L) of water	430 ft ² (40 m ²)	0.4 mm
2.3	UMP	Sprayable gray cement base coat. Exterior and interior application. Allow 10-20 min to dry.	53lb (24kg) package (base + liquid)	Mix base with liquid	646 ft ² (60 m ²)	0.3 mm
2.4	White Cement Base	Sprayable white cement base coat. Exterior and interior application. Allow 10-20 min to dry.	44lb (20kg) powder	Mix with 2.9 gal (11 L) of water	430 ft ² (40 m ²)	0.4 mm
2.5	UMM	Portland cement base for reinforcing surfaces. Used with glass net. Exterior and interior application. Allow 10-20 min to dry.	43.7lb (19.8kg) package (base + liquid)	Mix base with liquid	65 ft ² (6 m ²)	2 mm

3. Additives and sealers

#	Product	Application	Package	Preparation	Coverage	Thickness
3.1	Shikkui Oil	Natural soybean oil as waterproofing additive. Ensures higher surface resistance.	360 mL liquid	Add to 2 bags of #1.1, 1.2 or 1.3 after mixing plaster with water	-	-
3.2	Shikkui Sealer	Acrylic sealer for surface preparation. Allow 15 min to dry.	500 mL liquid	Mix with 1 L of water	160 ft ² (15 m ²)	-
3.3	Shikkui Bond	Acrylic resin for wall surface strengthening and crack resistance. To be added into base or finish coats.	500 mL liquid	Dissolve in water, then add base/finish coat powder	-	-
3.4	Antibiotic Agent	Extra antibiotic effect against bacteria, mold, fungi, viruses.	200g	Mix with 20 kg of finish coat	-	-
3.5	Lithium Silicate	Agent for strengthening the finish surface of Kabekobo Doki. Applied on top of the finish.	1L	Mix with 1L of water	38 ft ² (3.5 m ²)	-

4. Notes

- **Application temperature:** Apply the materials at the temperature ranging from 45F (5C) to 95F (35C).
- **Storage:** 2-3 years for all finish coats if stored under dry and cool conditions in the original package.
- **Water-repellents:** we recommend SILRES® BS 29 or SILRES® BS 28N of Wacker Silicons. Both are also oil-repellent.

Revised: 16 Sep 2010