



Technical Data Sheet

1. Description Shikkui Plaster series - traditional and modern Japanese lime plaster products made exclusively of natural ingredients, such as slaked lime of high calcium purity, natural fiber, seaweed extracts and other aggregates.	2. General characteristics - Smooth surface that absorbs and reflects light most evenly * - Genuine natural components, no harmful chemicals - Natural anti-viral and anti-bacterial effect due to high alkalinity - Natural anti-static that prevents dust on the surface - Humidity regulating and breathable, absorption of odor and VOC gasses - Made of non-inflammable materials, resulting in excellent fire resistance - The main component - slaked lime (calcium hydroxide) - recognized effective disinfectant of influenza viruses * Not applicable to Shikkui Diatomite
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3. Finish coat						
	Product	Description and application	Package	Preparation	Surface coverage	Surface thickness
	Shikkui Classic *	Traditional Shikkui plaster. Interior application **. Allow 6-24 hours to dry.	44lb (20kg) powder	Mix with 4 gallons (15 liters) of water	172 sq ft (16 sq m)	1.5 mm
	Shikkui Bright	Plaster with extra white surface color. Interior application **. Allow 6-24 hours to dry.	44lb (20kg) powder	Mix with 4 gallons (15 liters) of water	172 sq ft (16 sq m)	1.5 mm
	Kodai Shikkui	Premium ready-to-use Shikkui plaster with extra durable finish surface. Exterior and interior application. Allow 6-24 hours to dry.	44lb (20kg) plaster	-	107.5 sq ft (10 sq m)	1.5 mm
	Shikkui Diatomite	Colored plaster with diatomite powder and relief natural texture. Advanced humidity control function. Interior application ***. Allow 1-3 hours to dry. In 8 colors.	44lb (20kg) package (base + additives)	Mix with 44-66lb (20-30kg) of sand and 6 gallons (23 liters) of water	75-86 sq ft (7-8 sq m)	5-6 mm
	Polish Paste	Special fine polish coat applied on Shikkui finish, which should still be a bit wet.	2.2lb (1kg) bag	-	21.5-27 sq ft (2-2.5 sq m)	0.2-0.3 mm
* Originally in white color. Can be premixed with any custom colors. ** Can be used for exterior walls if pre-mixed with Shikkui Oil *** Not for humid environment. For more durable surface add Shikkui Oil; after finish apply water proofing agent.						

4. Base coats (incl. non-Shikkui) and other products						
#	Product	Application	Package	Preparation	Surface coverage	Surface thickness
4.2	First Coat	Gypsum easy-to-apply base for high-quality Shikkui surface. Internal application. Not for humid environment. Allow 1-2 hours to dry.	44lb (20kg) powder	Mix with 1 gallon (4 liters) of water	54 sq ft (5 sq m)	3 mm
4.2	Shikkui Base	Traditional Japanese base coat. External and internal application. Finish can be applied in 1 hour on still wet surface.	55lb (25kg) powder	Mix with 2 gallons (8 liters) of water	75.5 sq ft (7 sq m)	2.5 mm
4.2	UMP	Portland cement base. External and internal application. Allow 10-20 min to dry.	13.2lb (6kg) package (base + liquid)	Mix base with liquid	430.5 sq ft (40 sq m)	0.3 mm
4.2	UMM	Portland cement base for smoothing out uneven surfaces. External and internal application. Allow 10-20 min to dry.	43.7lb (19.8kg) package (base + liquid)	Mix base with liquid	64.5 sq ft (6 sq m)	2 mm
4.2	Shikkui Oil	Natural vegetable oil as waterproofing additive. Ensures higher surface resistance.	360 cc liquid	Add to 2 bags of #3.1, 3.2 or 3.3 after mixing plaster with water	-	-
4.2	Shikkui Sealer	Acrylic resin for sealing of finish on base coat. Protects finish from losing moisture. Allow 15 min to dry.	500 cc liquid	Mix with 1 liter of water	161.5 sq ft (15 sq m)	-
4.2	Shikkui Bond	For wall surface strengthening and prevention of cracks. To be added in Shikkui plaster.	500 cc liquid	Mix with #3.1, 3.2 or 3.3 and 15 liters of water	-	-

5. Additional notes	
5.1	Application temperature: Apply the materials at the temperature from 45°F (5°C) to 95°F (35°C).
5.2	Polishing: All finish plasters (except Kabekobo) are recommended to be polished for more smooth and light-distributing surface. Polish slightly before the finish dries up completely.
5.3	Storage: 2-3 years when stored under dry and cool conditions in the original package.