

GENERAL INFORMATION

Type	Putty		
Color	Off White		
Finish	Matt		
Uses	Ideal for coating and strengthening all joined, filled and patched substrates, including walls, stairwells, staircases, etc. Suitable for both interior and exterior use.		
Features	Elastic, crack-resistant, durable, highly adhesive, weather-resistant		
Coverage	Coating Thickness (mm)	Coating Area(m ²)	
		7kg / bag	20kg / bag
	0.5mm	14m ²	40m ²
	1mm	7m ²	20m ²
	2mm	3.5m ²	10m ²

Note : Coverage may change depending on the surface condition.

TEST RESULTS

Consistency	Upon mixing with water, Board Filler remains in semi-liquid form for approximately 20mins, i.e. after 20mins, it retains 75.5% of its optimum consistency	
Strength (N/m²)	Resistance to bending	5.0-7.0
	Compressive Strength	22.0-27.0
Relative Density	Mixed and Kneaded	1.7
Collective Strength of Base Substrate and Board Filler	With cement mortar	1.0-1.5
	With plasterboard	0.6-0.8
	With thin concrete and concrete paneling	0.6-1.0
	With flexible board	0.8-1.2
	With marble, granite and terrazzo	1.2-1.8
	With ceramic varnished porcelain tiles and glass	1.2-1.8
	With stainless steel and iron	1.0-1.5
	With ALC Board	0.7-0.8
	EP Painted Surfaces	1.0-1.5

Results are based on tests conducted in typical conditions at a temperature of 20 degrees Celsius with 65% humidity, 7 days after the machine application of Board Filler to a thickness of 1mm.

This information is intended to give a description of the product performance under specific test conditions. Nevertheless we cannot assume any responsibility for the use of it since circumstances under which the products are applied in practice are subject to many variations. We reserve the right to alter the given data without notice.



YABUHARA

BOARD FILLER

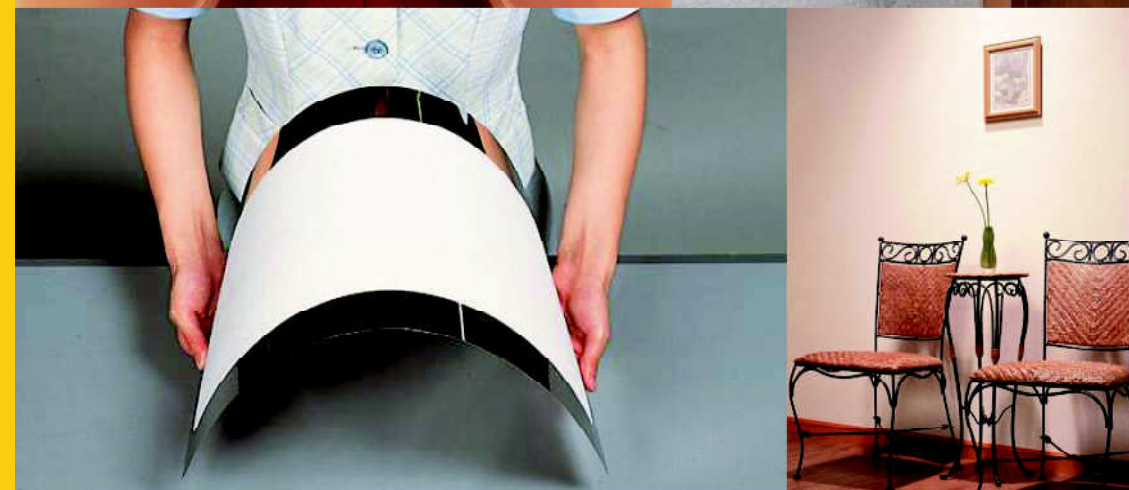
HIGH-PERFORMANCE CARBON FIBER RESIN
ANTI-CRACK SURFACE TREATMENT

✓ Excellent crack-resistance
And elasticity

✓ Excellent durability
And finish

✓ Easy mixing
And application

✓ Fast drying



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BOARD FILLER

Enhancing, strengthening cracked and patched surfaces

Board Filler is an innovative new product that offers an ideal solution for joining partition walls. Suitable for interior and exterior walls, staircases and stairwells, and indeed any cracked and subsequently filled substrate, Board Filler is exceptionally flexible and resists cracking even when subjected to extreme warping and bending. It is highly recommended for usage with any elastomeric paints.

Innovative Ingredients

Combining carbon fiber and acrylic resin

Board Filler is made from a combination of carbon fiber and premium acrylic resin. This powerful pairing results in excellent durability and elasticity even under extreme conditions such as seismic activity, soil movement and impact. Upon application, the structure of the wall or other base substrate is almost always significantly strengthened.



carbon fiber

Practical Benefits

Promising simple application and minimal maintenance



Stretched Board Filler

Board Filler offers a cost-effective and labor-saving alternative to the conventional process of crack-filling and finishing with putty. Its durability and elasticity mean that once repaired, cracks seldom recur. Furthermore, its ease of use makes it highly attractive to professional contractors, building maintenance officers and home handyman alike. Packed in a handy powder form it's a case of 'Just add water' and apply its superior strength, a single 1mm to 2mm thickness is sufficient for most jobs.

Aesthetic Appeal

Refining uneven surfaces with a smooth finish that eliminates the need for further treatment

In addition to its functional benefits, Board Filler offers the aesthetic benefits of a matt and even surface. Except in cases where the wall or base substrate is very uneven, only one coating of Board Filler is required. Upon drying, the resultant surface can be immediately painted.

SURFACE PREPARATION AND APPLICATION

Surface Preparation : Apply to a clean, dry, sanded flat surface for optimum adhesion

- 1 Clean wall or base substrate with a natural detergent . (NOTE: Do not apply excessive force or friction if wall is old or weak and prone to crumbling)
- 2 Fill joint with Board Filler and leave to dry. Leave to dry for approx. 3hrs.
- 3 Apply layer of fibreglass tape over filled crack to a minimum width of 50mm.
- 4 For high workability, spray a thin layer of water at the board joint before applying Board Filler.
- 5 Apply Board Filler all over the wall by trowelling.
- 6 For smoother finish, sand surface flat and apply a thin coat of acrylic putty.
- 7 Apply proper sealer if needed, followed by paint directly onto dried Board Filler surface with brush or roller.

Painting Systems

INTERIOR WALLS		NO. OF
COATS		
PLASTER	Board Filler	1
ACRYLIC PUTTY	Acrylic Putty (for smoother finish)	1 (Optional)
SEALER		1
FINISHES		2
EXTERIOR WALLS		NO. OF
COATS		
PLASTER	Board Filler	1
ACRYLIC PUTTY	Acrylic Putty (for smoother finish)	1 (Optional)
SEALER		1
FINISHES		2

MIXING PROPORTION

Apply first water into mortar bucket and then Board Filler. Mixing them approx 1min to be complete paste. Apply some more water to make appropriate hardness for coating.

Board Filler	Water
20kg / bag	8.6kg
7kg / bag	3kg

