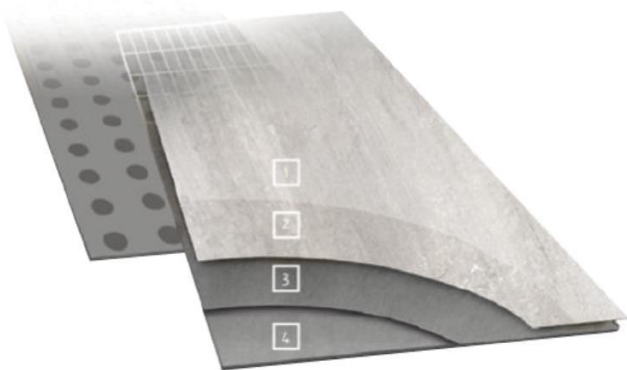


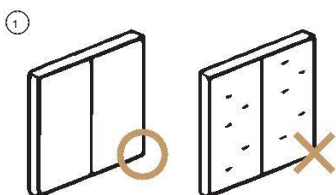


AVITA

WPC WALL PANEL

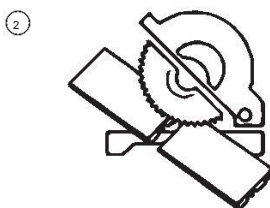
PKPV29017DM8
2900x170x24mm

INSTALLATION STEP



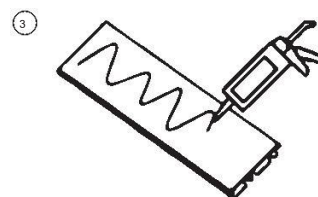
PREWORK

Pre-work with plaster board or plywood is recommended before the construction.
Please make sure the walls are flat enough.



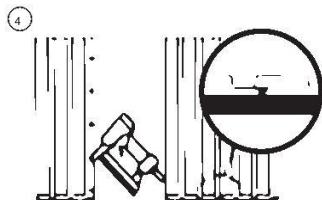
ABOUT CUTTING

Circular saw can be used for cutting.



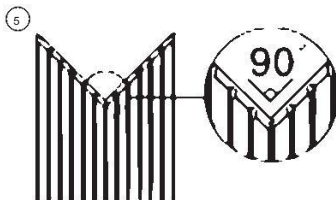
WITH GLUE

Apply nail free glue on the back of wall panel.



HORIZONTAL OR VERTICAL

Wall panel can be installed in both horizontal and vertical direction. Apply air-tacker on the edge of the tongue to hide the pin-marks.



THE CORNER

For corner, combine the two grooves.



NICE FINISH

Coordinating mouldings can be used for clean and nice finish.

TEST ITEMS 1	STANDARD REQUIREMENT	TEST DATA	CONCLUSION
Hardness, HRR	≥ 58	73	Qualified
Water Absorption Thickness Expansion Rate%	≤ 1.0	0.4	Qualified
Static Bending Strength, MPa	≥ 20	23	Qualified
Flexural Modulus Of Elasticity, MPa	≥ 1800	2032	Qualified
Screw Holding Force, N	Board Surface: ≥ 1000	1103	Qualified
Surface Wear Resistance, g/100r	≤ 0.08	0.07	Qualified
State After Heating	No Bubbles, Cracks, Pits	Meet The Standards	Qualified
Dimensional Change Rate After Heating, %	± 2.5	-1.1	Qualified
High And Low Temperature Repeated Dimensional Change Rate, %	± 0.2	-0.1	Qualified
Formaldehyde Emission, mg/L	E1: ≤ 1.5	0.1	Qualified

TEST ITEMS 2	SKILLS REQUIREMENT	TEST DATA	CONCLUSION
Burn Growth Rate Index	≤ 250	150	Qualified
Lateral Flame Spread Length (LFS)	The Flame Spread Laterally Did Not Reach The Edge Of The Long Wing Of The Specimens	Meet The Standards	Qualified
Total Heat Released For 600s / THR(600s) ,MJ	≤ 15	8.2	Qualified
Flame Tip Height Fs Within 60s, mm	≤ 150	Meet The Standards	Qualified
No Burning Droplets Ignite The Filter Paper Within 60s	Filter Paper Is Not Ignited	Meet The Standards	Qualified
Smoke Generation Rate Index SMOGRA, m ² /s ²	/	45.2	Measured Value
Total Flue Gas Generation Within 600s TSP(600s) ,m ²	/	292.6	Measured Value
Burning Droplets/Particulates Within 600s	No Burning Drop Particles Within 600s	Meet The Standards	Qualified

