

COLOR SPAR (PUR/PIR) PU
SANDWICH COMPOSITE PANEL

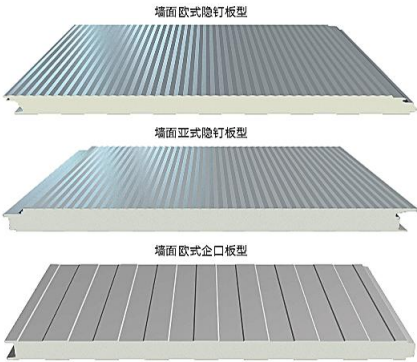


The Best Solution to Energy Conservation of Buildings

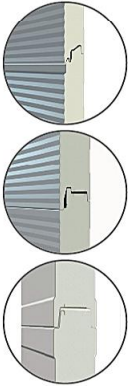
PERFORMANCE DESCRIPTION

High Efficiency and Energy Conservation: the excellent thermal insulation performance reduces building energy consumption and reduces costs on air-conditioning equipment. Beautiful Façade: the hidden nail connection guarantees hidden screws and more beautiful building walls. Solid and Durable: high-strength panels and excellent mechanical properties of walls. Patented Design: the unique double-support plug interface design ensures that walls have stronger wind pressure-resistant capacity and are solidier. Multiple Choices: multiple panel types.

3种板型可选 PLATE TYPE



节点图 NODE FIGURE



产品参数 PRODUCT PARAMETERS

板型	Panel Type	墙面欧式隐钉	墙面亚式隐钉	墙面欧式企口
		European Joint Hidden Type Wall Panel	Domestic Joint Hidden Type Wall Panel	European Tongue and Groove Type Wall Panel
有效宽度 (mm)	Effective width	1000	1000	930
芯材厚度 (mm)	Core thickness	50、75、80、100、150等		
钢板推荐	品牌 Brand	宝钢、烨辉、马钢、博思格等Bao Steel, Yieh Phui Steel, Ma Steel, BHP Steel		
Recommend	涂层 Painting	氟碳(PVDF、SMP、HDP、PE);正面漆膜厚度25μm以上 PVDF、SMP+HDPPE. The top painting should be above 25 um		
Steel Plates	镀层 Galvanized layer	外板: 55%铝铝锌镀层100g/m ² 以上、镀锌镀层150g/m ² 以上 Exterior plate: 55% Aluzinc above 100g/m ² Or Zinc coating above 150g/m ²		
		内板: 55%铝铝锌镀层70g/m ² 以上、镀锌镀层100g/m ² 以上 Inner Plate: 55% Aluzinc above 70g/m ² Or Zinc coating above 100g/m ²		

THE LOAD AND HEAT TRANSFER COEFFICIENT OF COLOR SPAR ENERGY-SAVING WALL PANELS

板厚 Panel thick mm	传热系数 Heat transfer coefficient (W/m ² ·K)	板重 Weight kg/m ²	荷载分布 Load distribution												
			简支 (mm) Single support	连续 (mm) Continuous											
				P=kn/m ²	0.6	0.8	1.0	1.2	1.5	2.0	0.6	0.8	1.0	1.2	1.5
45	0.43	11.18	L=	3956	3445	3072	2784	2448	2046	4430	3858	3440	3118	2741	2291
50	0.39	11.38	L=	4268	3721	3323	3014	2655	2224	4780	4167	3721	3375	2973	2490
60	0.33	11.78	L=	4861	4246	3800	3453	3049	2564	5444	4755	4256	3867	3414	2871
75	0.26	12.38	L=	5688	4980	4464	4064	3599	3038	6370	5577	4999	4551	4030	3402
100	0.20	13.38	L=	6941	6087	5466	4984	4423	3746	7773	6817	6121	5582	4953	4195
120	0.16	14.18	L=	7853	6890	6189	5645	5013	4250	8795	7716	6931	6322	5614	4760
150	0.13	15.38	L=	9099	7980	7166	6534	5800	4913	10190	8937	8025	7318	6496	5502