

## 澳洲低能耗 SIPS 体系

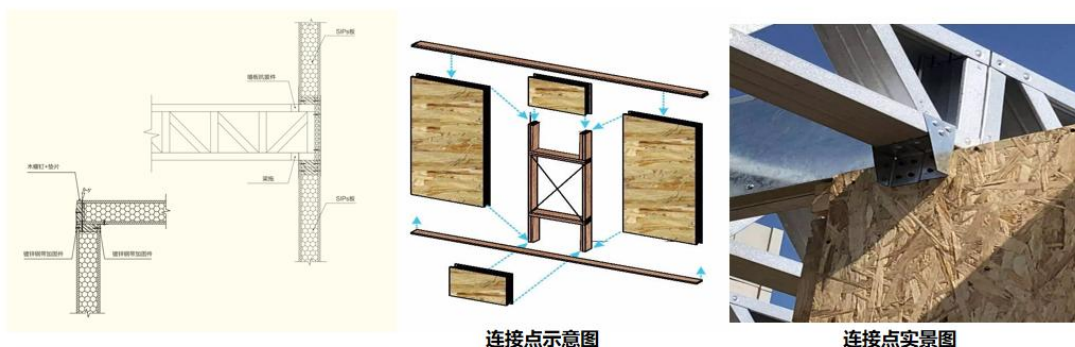
### 1、产品简介：

万华澳洲低能耗 SIPS 体系采用 SIPs 结构保温一体板，充分利用万华聚氨酯微孔渗入式自粘结性能，将双侧结构用定向刨花板在生产过程中进行无空腔链接复合，从而形成了具有承重、保温性能的一体构件。同时，也可以根据不同得强度要求，进行附加龙骨。

SIPs 作为作为高性能建筑材料，是一种新的木结构建筑体系。它具有轻质、高强、节能环保，工厂预制程度高特点。建造体系如同搭积木一样简单快捷。现已被广泛应用于住宅和商业建筑的墙体、屋顶、地板等结构构件。

**适用范围：** 别墅酒店、住宅

### 2、技术节点：

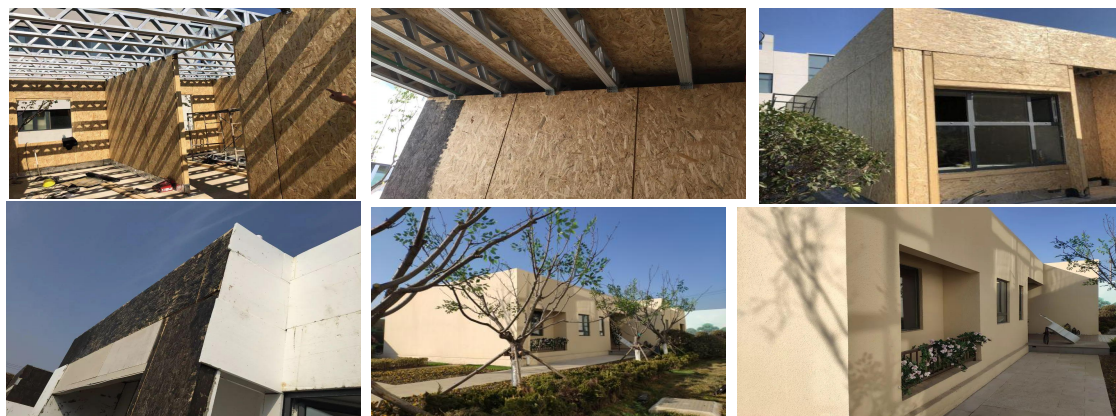


**连接方式：** 为满足快捷装配及多次装配的使用要求，节点连接采用的形式多为螺栓、螺钉等连接方案。

**承重特点：** SIPs 夹芯结构设计，外观上形成了像工字梁一样的翼缘式的结构力，保障了建筑整体抗压、抗震、抗强风的力学性能。

### 3、安装过程：

万华 SIPs 结构保温一体板全部工厂预制生产，板材运输到现场后进行吊装链接安装，简单轻便快捷。



#### 4、CORDMARK 认证:

### Certificate of Conformity

**Certification Body:**  
SAI GLOBAL  
SAI Global Certification Services Pty Limited  
(ACN 108 716 669) Trading as "SAI Global"  
JAS-ANZ Accreditation No. Z1440 295AS  
Address: 688 George St, Sydney, NSW 2000  
Website: [www.saiglobal.com](http://www.saiglobal.com)

**Certificate Holder:**

ModeX Wanhua Global Pty Ltd  
3010/530 Little Collins Street  
Melbourne, VIC, 3000, Australia  
Phone: (03) 8394 7473  
Mobile: 0405 27 88 65  
Email: [tm.mcdonald@wanhua.com.au](mailto:tm.mcdonald@wanhua.com.au)

SAI Global Certification Services  
  
Frank Camasta  
Global Head of Technical Services  
SAI Global Assurance

**THIS TO CERTIFY THAT**  
**Wanhua SIP Wall Panels**

**Type and/or use of product:**  
Wanhua structural insulated panels (SIPs) are wall panels for use as external and internal loadbearing and non-loadbearing walls where no fire rating is required.

**Description of product:**  
Wanhua structural insulated panels (SIPs) are composite panels consisting of a rigid polyurethane foam core (PUR – 70mm or 90mm thickness) bonded to two oriented strand board (OSB/3 – 9mm or 12mm thickness) facings.  
The wall panels are available in three nominal thicknesses of 88mm, 94mm, or 114mm.  
For detailed product specification, refer to section A3 below.

**Certificate number:** CM20260

**COMPLIES WITH THE FOLLOWING BCA PROVISIONS AND STATE OR TERRITORY VARIATION(S)** **BCA 2019 Amdt 1**

	Volume One	Volume Two
<b>Performance Requirement(s)</b>	N/A N/A	P2.2.1(a) – limited to (b)(i)(ii)
<b>Deemed-to-Satisfy Provision(s):</b>	N/A N/A	3.12.1.1(a)
<b>State or territory variation(s):</b>	N/A N/A	NSW Part 3.12

**Structural stability and resistance**

**Building fabric thermal insulation**  
(must be used in conjunction with other building elements to achieve a Total R-Value as outlined in clauses 3.12.1.4 – External walls) – refer to limitations and conditions below.

**Energy efficiency**  
In New South Wales, Part 3.12 does not apply.

**Date of issue:** 3 December 2021  
**Date of expiry:** 2 December 2024

Quintin Klein – Unrestricted Building Certifier

Certificate number: CM20260

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#### 5、使用须知:

- \* 用户不能擅自改变房屋的使用性质、结构、外形等，如需改变可在专业施工指导下进行。
- \* 不得擅自改装、拆除房屋原有附属设施，用户自行添置、改动的设施、设备，由用户自行承担维修责任。
- \* 不得在公共部位、房屋外围等部位违法搭建及堆放杂物。室内外严禁存放易燃易爆等危险品。