

# 快粘型聚氨酯



## 固化迅速

用于建筑行业的万能聚氨酯

WEICON Fast-Bond 快粘型聚氨酯强度高，固化后可涂漆，可研磨，耐风化，耐紫外线，耐淡水和咸水，不含硅及溶剂。

快粘型聚氨酯适用于中纤板、木板、纸板、纤维和石膏板、混凝土、大理石、天然石材和人造石材、陶瓷、石膏、金属及硬质泡沫等。

依据德标DIN EN 204 D4，该粘合剂适用于防水粘接。

## 技术参数

基础成分	单组份聚氨酯
密度	1,5 g/cm <sup>3</sup>
粘度	膏状
垂流 (依据 ASTM D 2202)	> 1 mm
操作温度	+5 至 +40 °C
固化方式	湿气固化
固化条件	+5至+40°C温度环境及30%至95%相对空气湿度
表干时间*	3 分钟
固化速度 (首24个小时)	2 -3 mm
体积变化(依据 DIN 52451)	增加
最大粘接缝隙	10 mm
保存期限 (+5°C 至 +25°C )	12 个月
粘合剂抗拉强度	10 N/mm <sup>2</sup>
平均拉伸剪切强度(依据 DIN EN 1465/ASTM D 1002)	11 N/mm <sup>2</sup>
是否可涂漆 (湿涂)	nach vollständiger Aushärtung
可燃性等级 (DIN 4102)	B 2
耐温性	-30至+100 °C

\*50%空气湿度和+23°C环境温度下的测试结果

## 表面预处理

待粘接的物体表面需清洁、无油脂。大多数污垢（如油、脂、粉尘、污渍等）都能用WEICON表面清洁剂除去。针对严重污染的金属表面，我们推荐使用WEICON清洁喷剂S；针对老化的油漆或胶水残留物，我们建议使用WEICON密封胶去除喷剂。多数材料都能够很好地进行同材及异材粘接。针对少数特殊材料或极端工况，我们建议在涂胶之前先使用底漆进行预处理。详细说明请参见底漆选型表。使用机械方式对待粘接的表面进行预处理（如研磨或喷砂），能够大大提升粘接效果。

## 操作

### 胶瓶的使用

针对310 ml胶瓶，可使用手动胶枪，也可使用空压式胶枪（我们推荐WEICON空压式胶枪），亦或是使用自动点胶机。

## 粘接

待粘接的部件需透气。胶水与湿气发生化学反应（室内湿气/待粘接材料表面的湿气）。需在3分钟内将两个粘接表面接合，并按压固定。该款胶水会轻微发泡。

## 储藏

在未开封且存放于正常环境（23°C，50%相对湿度）的情况下，WEICON单组份弹性密封胶的保质期为12个月。

## 安全与健康

使用WEICON产品时，需注意产品的物理性、安全性、毒性、生态性的详细参数以及我们EG材料安全数据表（www.weicon.com）的具体信息。

## 包装

13309310 快粘型聚氨酯 310 ml 米色

## 产品配件

13250000 胶瓶切刀, 310 ml  
13250001 压力胶枪,  
13250002 压力胶枪特殊款,  
13250009 空压胶枪,

## 提示

本资料中列出的所有产品，其参数和建议是在实验室的测试结果及经验总结，不得被视为对产品特性的保证。由于每一个用的实际应用情况并不在我们的认知、控制及责任范围内，我们对这些信息并不承担任何义务。我们保证我们的产品符合并遵守我们销售条款中承诺的高品质、无污染的要求。我们建议用户通过自行试验来论证其希望选用的产品是否完全符合预期。因用户未遵照指定的操作方法使用产品而造成损失的情况，用户将独自承担全部责任。

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# Fast-Bond Assembly Adhesive



## fast-curing one-component structural and assembly adhesive for universal use on polyurethane basis (PUR)

Fast-Bond structural and assembly adhesive is strong, overpaintable, sandable, and resistant to weathering, UV rays, freshwater and salt water. It is free of silicone or solvents.

WEICON Fast-Bond is suitable for the bonding of MDF panels, wood panels, chipboards, fibre and plaster boards, concrete, marble, natural and artificial stone, ceramics, gypsum, metals and rigid foams.

This adhesive is suitable for waterproof bonding according to DIN EN 204 D4.

### Technical Data

Base	1 C.-Polyurethane
density	1,5 g/cm <sup>3</sup>
Viscosity adhesive	pasty
Stability/Run-off (ASTM D 222)	> 1 mm
Processing temperature	+5 to +40 °C
Cure type	By humidity
Curing condition	+5 to +40°C and 30% to 95% rel. humidity
Skin-overtime*	3 min.
Curing speed ( first 24h)	2 -3 mm
Volume change (DIN 52451)	Increase
Gap filling up to max.	10 mm
Shelf life (+5°C to +25°C / +41°F to +77°F)	12 months
Tensile strength of pure adhesive and sealant	10 N/mm <sup>2</sup>
Average tensile shear strength (DIN EN 1465/ ASTM D 12)	11 N/mm <sup>2</sup>
Overpaintable (liquid paint)	after complete curing
Building material category (DIN 412)	B 2
Temperature resistance	-30 to +100 °C

\*Measured at 50% relative air humidity and +23°C

### Surface pre-treatment

The surfaces must be clean and free of grease. Many surface contaminants, e.g. oil, dust and dirt, can be removed with WEICON Surface Cleaner. For heavily soiled metal surfaces, we recommend WEICON Cleaner Spray S; WEICON Sealant and Adhesive Remover is suitable for removing old paint or adhesive residues. Most materials can be bonded well to themselves and among each other. For certain materials or extreme requirements, we recommend the use of an adhesion agent (primer). Detailed information on this subject is contained in the primer selection table. A mechanical surface pre-treatment, e.g. sanding or sand-blasting, can considerably improve the adhesion.

### Processing

Application Application methods:

Hand cartridge gun for 310 ml cartridges, compressed air gun (we recommend a variation with piston rod), automatic dosing systems .

Curing/Joining the bonded parts:

An adhesive surface should permit diffusion. The adhesive reacts with moisture (room humidity/moisture on the adhesive surface). Join the parts within 3 minutes and fix them under pressure until they harden. Adhesive foams easily.

### Storage

When unopened and stored at room temperature (+23°C and 50 % rel. humidity), WEICON elastic one-component adhesives and sealants have a shelf life of 12 months.

### Safety and health

When using WEICON products, the physical, safety technical, toxicological and ecological data and regulations in our EC safety data sheets ([www.weicon.com](http://www.weicon.com)) must be observed.

### Available sizes:

13309310 Fast-Bond Assembly Adhesive 310 ml beige

### Accessories:

13250000 Cartridge Cutter, 310 ml  
13250001 Cartridge Gun,  
13250002 Cartridge Gun Special,  
13250009 Compressed Air Cartridge Gun,

### Note

The specifications and recommendations given in this technical data sheet must not be seen as guaranteed product characteristics. They are based on our laboratory tests and on practical experience. Since individual application conditions are beyond our knowledge, control and responsibility, this information is provided without any obligation. We do guarantee the continuously high quality of our products. However, own adequate laboratory and practical tests to find out if the product in question meets the requested properties are recommended. A claim cannot be derived from them. The user bears the only responsibility for non-appropriate or other than specified applications.

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