

Polyurethane Translucent Adhesive WS 1838

聚氨酯组角胶粘剂

Ultra rapid Assembly and Construction Adhesive

快速固化组角和建筑胶粘剂 – 半透明

PACKAGING

- PE cartridge 290 ml and 24 per box

COLOUR

Translucent

STORAGE

It can be stored for 12 months in its original packing at 5° - 25°C in a cool, dry place. The storage temperature should not exceed 25°C for extended periods of time.

Keep away from heat sources.

包装

- 塑料硬管 290 毫升 24 支每纸箱

颜色

半透明

储存

在其原包装和 5 °- 25 ° C 的凉爽、干燥地方聚氨酯胶粘剂 WS1838 可以存储 12 个月。存储温度不应超过 25 ° C 为较长的时间。远离热源的地方。

Description

Polyurethane Adhesive Translucent WS 1838 is a one-part, fast-hardening translucent, solvent-free moisture curing polyurethane adhesive which, once hardened, transforms into a very strong-grip adhesive with excellent resistance to water, temperatures, weathering and ageing conditions. Due to the excellent filling properties, it is suitable for use in beading/cord applications.

产品说明

聚氨酯组角胶粘剂 WS 1838 是半透明单组分、半透明快固化、无溶剂湿固化聚氨酯胶粘剂，一旦固化，变换成非常强抓地力胶粘剂具有优良的耐水，温度，风化和老化。由于优秀的填充属性，它是适合在串珠线应用程序中使用。

Main features and advantages

- Excellent adhesion on numerous substrates
- Easy-to-use
- Solvent free – Odourless
- Weathering resistance according to DIN 204 D4
- Resistant to ageing
- Resistant to chemicals
- Filling capacity: very good

主要性能和优势

- 优秀附着力
- 容易使用
- 无溶剂 – 无味道
- 耐候性
- 耐老化
- 抗化学品
- 填充性能：非常好

Applications

Designed for water-resistant bonding of wooden elements where a fast mechanical hold is necessary (10 minutes of clamp hold at room temperature) in order to permit working of hand-manufactured articles.

Suitable for structural strong-grip bonding of wooden elements on both porous and non porous substrates. Particularly useful and practical for high mechanical resistance assembly and outdoor applications.

应用

为木材防水粘接快速，在快速沾的必要性 (夹搁置在室温 10 分钟) 允许手工制造产品而设计的。
适合于木材结构强抓地力粘接在多孔和非多孔基底上。特别是有用和实用在高机械阻力大和户外用途。

Typical applications

- Powerful bonding of wood and derived wood products; chipboard, plywood, staircase renovation.
- Chemical anchorage in building construction, for bonding of stones, plasterboard, cement cover and insulation panels
- Powerful bonding in metal construction; aluminium, stainless steel, galvanised steel, copper
- Bonding of corner connections in metal door, windows and facades as well as conservatories.
- Bonding of stone, natural stone, brick and ceramics
- Bonding of synthetic materials; PVC, fibre-reinforced plastics etc.
- Bonding of insulating materials including expanded polystyrene and polyurethane sheets

典型应用

- 木材和派生木材产品的功能强大粘接；刨花板、胶合板、楼梯装修。
- 建筑施工化学锚固、粘结石头、石膏板、水泥盖及隔热板
- 金属建造业功能强大粘接；铝、不锈钢、镀锌钢铁、铜
- 金属门、窗户和外墙的角落粘接，以及防腐
- 石材、天然石材、砖和陶瓷粘接
- 合成材料粘接；PVC、纤维增强塑料等
- 隔热材料粘接，包括膨胀聚苯乙烯和聚氨酯板

Technical data

Chemical basis	Polyurethane
Cure mechanism	Moisture curing
Specific weight	1.14 gr/cc ± 0.02 gr/cc
Viscosity	thixotropic paste
Tack free time at 23°C and 50% r.h.	≈ 10'
Clamping time (h)	6'
Shear strength by tensile loading (EN 204 – D1)	≥ 7,5 N/mm ²
Shear strength by tensile loading (EN 204 – D4)	≥ 4,5 N/mm ²
Initial lap shear strength after 30'	≈ 3 N/mm ²
Chemical resistance	Excellent
Humidity and water resistance	Excellent (D4 – DIN EN 204)
Solid contents	≥97% (solvent free)
Application temperature	+5°C to +35°C
Temperature resistance	- 40°C / +100°C after curing

产品属性

化学性质	聚氨酯
固化历程	湿固化
比重	1.14 gr/cc ± 0.02 gr/ml
粘度	触粘贴
表面固化时间 23°C and 50% r.h.	≈ 10'
夹紧时间 (小时)	6
抗剪强度采用拉伸负荷 (EN 204 – D1)	≥ 7,5 N/mm ²
抗剪强度采用拉伸负荷 (EN 204 – D4)	≥ 4,5 N/mm ²
30 分钟后初始搭接剪强度	≈ 3 N/mm ²
耐化学性	优秀
耐湿度和水性	优秀 (D4 – DIN EN 204)
固体含量	≥97%(无溶剂)
应用温度	+5°C to +35°C
耐温度性	- 40°C / +100°C 固化后

Instructions

All surfaces to be bonded must be perfectly clean, dry and free from dust, grease, oils and debris.

Apply Polyurethane Adhesive Translucent WS (838) on one side with a caulking gun or spread on substrate with a spatula.

The high viscosity holds elements to be bonded in position, the use of clamps however is recommended. To achieve optimum performance it is important to have a very thin layer of PU Adhesive Translucent WS 838 between the substrates. Couple substrates within 2 minutes. Slight moistening of substrates improves curing rate and gap filling characteristics as adhesive foams up to penetrate the bond cavity.

表面处理应完全清洁、干燥、无灰尘，油脂，油污油和碎片。

利用胶枪或铲将半透明聚氨酯组角胶粘剂 WS (838) 涂上基板。

特高粘度把该粘接物件粘在位置，不过建议使用夹。为了达到最佳性能是重要有一层极薄的半透明聚氨酯组角胶粘剂 WS 838 衬底之间。在 2 分钟内把基板粘接。在胶粘剂泡沫向上击穿联接腔稍小基板潮湿将提高固化速率和差距充填特征。

General Information

The information contained in this technical data sheet is to the best of our knowledge correct. However, by no means can it be considered a guarantee, as usage, working area and application of the product in accordance with the instructions given and their success in application is beyond our control and is dependent on a number of factors. We decline any responsibility for the improper use of the product as the application recommendations contained herein are to be considered as a general guideline. If at all in doubt, preliminary tests should be carried out.

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