

(Template for local translation, only for internal use)

Sika MaxTack® Ultra

High-performance adhesive with powerful initial tack for indoor and outdoor use

Product Description / Uses	<p>Sika MaxTack® Ultra is a one part, solvent-free, high tack elastic adhesive with a good adhesion on most common surfaces. Internal and external bonding of various parts in and around houses such as cable channels, acoustic tiles, door sills, mirrors, construction materials, bonding of roof and wall coverings and cover plates etc.</p> <p>Sika MaxTack® Ultra has good adhesion on:</p> <ul style="list-style-type: none">■ Concrete, mortar, clinker, fibre cement■ Natural stone, e.g. granite■ Glazed-, unglazed-ceramic■ Wood■ Metal (galvanized and stainless steel, aluminium)■ Various types of plastics
Characteristics / Advantages	<ul style="list-style-type: none">■ Powerful initial tack■ Nail free fixing■ Excellent adhesion to the substrate■ High load capacity■ Odourless■ Solvent free■ Good workability■ Shrinkage-free hardening
Approvals / Standards	Conforms to "Emissions dans l'air intérieur" A+, very low emission
Product Data	
Colours	white
Packaging	390g cartridge (290ml), 12 cartridges per box, pallet: 1296 cartridges
Storage Conditions / Shelf-Life	12 months from date of production if stored properly in original unopened, sealed and undamaged packaging in cool and dry conditions at temperatures between +5°C and +25°C. Protect from direct sunlight.



Technical Data

Chemical base	Silane Terminated Polymer	
Density	1.4 kg/l approx. ¹⁾	(ISO 1183-1)
Skin time	10 minutes approx. ¹⁾	
Curing rate	3 mm / 24h approx. ¹⁾	
Application temperature	+5°C to +40°C, min. 3°C above dew point temperature	
Service temperature	-40°C to +80°C	
Tensile strength	2.2 N/mm ² approx. ¹⁾	(ISO 37)
Tear propagation resistance	13 N/mm approx. ¹⁾	(ISO 34)
Shore A hardness	50 approx. ¹⁾ (after 28 days)	(ISO 868)
Elongation at break	450% approx. ¹⁾	(ISO 37)

¹⁾ 23°C / 50% r.h.

System Information

Consumption / Dosage	Using a nozzle, with 5 mm diameter, bead yields approx. 15 m length per 290 ml cartridge (~ 20 ml per linear meter).
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Substrate quality	Clean and dry, homogeneous, even, free from grease, dust and loose particles. Laitance and other poorly adhering particles must be removed. Standard construction rules must be observed.
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Substrate Preparation	<p>Sika MaxTack[®] Ultra generally has strong adhesion without primers and/or activators to most clean, sound substrates.</p> <p>The following procedure shall be followed for optimum adhesion and critical, high performance applications such as high stress bonding joints, extreme weather exposure or water immersion:</p> <p><u>Non porous substrates</u></p> <p>Aluminium, anodised aluminium, stainless steel, hard PVC, galvanised steel, powder coated metals or glazed tiles have to be cleaned and pre-treated with Sika[®] Aktivator-205 by using a clean towel. Before bonding allow a flash-off time >15 min (max. 6 hours).</p> <p>Metals like copper, brass, titanium-zinc, etc. have to be cleaned and pre-treated with Sika[®] Aktivator-205 by using a clean towel. After a flash-off time > 15 minutes, apply Sika[®] Primer-3 N by using a brush and allow a flash-off time > 30 minutes (max. 8 hours) before bonding.</p> <p><u>Porous substrates</u></p> <p>Concrete, aerated concrete and cementitious plasters, mortars, brick, etc. have to be primed with Sika[®] Primer-3 N by using a brush. Before bonding allow a flash-off time > 30 minutes (max. 8 hours).</p> <p>For detailed pre-treatments instructions please do contact our Technical Service Department.</p> <p>Primers are adhesion promoters. They neither substitute the correct cleaning of the surface nor improve its strength significantly.</p>
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Application Details

Application Methods / Tools

Use hand- or air-pressure application tool.

Apply a round shaped cordon of adhesive (5 mm diameter) to the prepared substrate at intervals of few centimetres. If required distribute evenly with a notched trowel.

Press or tap the bonded parts together firmly to ensure a good adhesion before a skin occurs.

Adhesive layer thickness depending on surface evenness < 3 mm.

An incorrectly positioned element can be easily readjusted during 5 minutes after application. Apply pressure again.

Fresh, uncured adhesive remaining on surface must be removed immediately.

Final strength will be obtained after complete curing of Sika MaxTack® Ultra.

Cleaning of Tools

Clean all tools and application equipment with Sika® Remover-208 / Sika® TopClean-T immediately after use. Cured material can only be removed mechanically.

Notes on Application / Limitations

Before bonding, check adhesion and resistance of the paints by carrying out a trial.

Pre-test for over paint ability and paint compatibility are recommended. In case of over coating Sika MaxTack® Ultra the compatibility must be tested individually on cured adhesive after 24 hours curing at +20°C.

Do not uses outside on easy corroding substrates like blank steel, iron, etc.

Colour variations in the adhesive may occur due to exposure to chemicals, high temperatures, UV-radiation. However a change in colour will not adversely influence the technical performance or durability of the product.

Do not use Sika MaxTack® Ultra on bituminous substrates, natural rubber, EPDM rubber or on building materials which might bleed oils, plasticizers or solvents which could attack the adhesive.

Do not use on PE, PP, Teflon and certain plasticized synthetic materials.

Bonding mirror only where reflective and protective coating according to DIN EN 1036.

Value Base

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

Local Restrictions

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

Health and Safety Information

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

Legal Notes

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

It may be necessary to adapt the above disclaimer to specific local laws and regulations. Any changes to this disclaimer may only be implemented with permission of Sika® Corporate Legal in Baar.



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