

Technical Data Sheet

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- Properties:** AKEMI® Spray Sealer HV2 is a sprayable elastic sealant on a MS polymer basis to reconstruct all kinds of smooth flowing OEM textures. Spray Sealer HV2 can be sprayed with the aid of the appropriate application guns.
- The product is characterized by the following qualities:
- free of solvents, isocyanates and PVC
 - good resistance to UV light and ageing
 - weather-resistant
 - very good adhesion on different surfaces even without application of a primer
 - neutral hardening, no odour
 - can be painted over wet-in-wet, this does not affect the curing speed
 - low volume shrinkage
 - low electrical conductivity
- Application Area:**
- For all kinds of bonding on large surface areas
 - Sprayable joint sealing for motor vehicles
 - Underbody and stone chip protection for motor vehicles
 - Bonding of covers, fittings, metal sheets, facing, mounting brackets, strengtheners and struts (reinforcement) as well as edge protectors
 - Bonding of vehicle superstructures, containers, base/floor plates, modular buildings, cabins, cases, sandwich construction elements
- Instructions for Use:**
1. The surface to be bonded must be clean, dry and free of oil and grease.
 2. AKEMI® Spray Sealer HV2 can be applied with commercially available sealant spray guns, hand operated or compressed air guns in a temperature range between +5°C and +35°C.
 3. Different OEM textures can be replicated by regulation of the applied quantity of product, spraying pressure and distance.
 4. AKEMI® Spray Sealer HV2 can be applied with a toothed spatula on diffusion-permeable material sides.
 5. For best adhesion paint over wet-in-wet should be effected within max. 2 days.
 6. In case of later painting, use AKEMI® Cleaner A for prior cleaning.
 7. Hardening can be considerably accelerated by spraying on some water.
- Special Notes:**
- For professional use only.
 - Adhesion promoter: On many clean fat-free surfaces good adhesion can be obtained without using an adhesion promoter. However, if the hardened product is to be exposed to a lot of moisture or temperature stress or in the event of problematic bonding surfaces, we recommend pretreatment with the adhesion promoter AKEMI® MS Prep for non-porous surfaces.
 - Tools can be cleaned and non-hardened remnants of Spray Sealer HV2 can be removed with a clean dry cloth. Use AKEMI® Acryclean if the soiled area is larger.
 - For proper waste disposal, the container must be completely emptied.
 - Recycling in accordance with the guidelines of EU Decision 97/129 EC on the Packaging Directive 94/62/EC.

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Technical Data:	Colour:	beige, grey
	Basis:	modified MS polymer (MSP)
	Hardening method:	atmospheric humidity
	Density:	1.4 g/cm ³
	Skin formation time:	20 - 40 min (23°C/50% relative air humidity)
	Hardening:	3 mm/24h (23°C/50° relative air humidity)
	Shore A hardness:	45
	Tensile strength:	2.0 N/mm ² (DIN 53504 S2)
	Elongation at break:	150 - 200%
	Tear strength:	9 N/mm (ASTM D624-73)
	Module at 100% elongation:	1.5 N/mm ² (DIN 53504-S2)
	Temperature resistance:	- 40°C up to +90°C
	Working temperature:	+5°C up to 35°C

Storage: If stored in dry and cool condition (5-25°C/41-77°F) in its closed original container at least 18 months from production.

Health & Safety: Read Safety Data Sheet before handling or using this product.

Important Notice: The above information is based on the latest stage of development and application technology. Due to a multiplicity of different influencing factors, this information – as well as other oral or written technical advises – must be considered as non-binding hints. The user is obliged in each particular case to conduct performance tests, including but not limited to trails of the product, in an inconspicuous area or fabrication of a sample piece.

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