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Technical Information about SAMS-advertising frame system and other products from 4media.

This information sheet contains important details regarding the installation and repair of the SAMS advertising frame system by 4media and the associated advertising banners, as well as vehicle wrapping, and is considered part of the contractual agreement between 4media and the customer.

1. Components of SAMS

The SAMS advertising frame system consists of high-quality aluminum profiles. The individual components are:

- a. Aluminum profiles for the mounting of the tension frame
 - i. Upper keder base profile
 - ii. Lateral and lower hook base profile
 - iii. Tension profile made of three integrated individual profile.
 - iv. Two-piece corner element for the protection and securing of the tension profiles
- b. Specially developed and certified mounting adhesive
- c. Specially developed and certified keder tape, which must be welded all around to the advertising banner.

2. Technical Requirements for Installation, Repairs, Banner Changes, and Wrapping

2.1. General

- 2.1.1. When the SAMS advertising frame system is installed on trucks that participate in public road traffic, it is exposed to speeds of up to 120 km/h. During the tensioning of the advertising banners, forces of up to 500 kg per linear meter act on the system. Therefore, the SAMS advertising frame system must be permanently connected to the truck body.

- 2.2. The base profiles are permanently bonded to the box body using a tested and certified method, or riveted in a TÜV-compliant manner, and connected with the tension profiles. The tension profiles automatically lock into place through the leverage of the tensioning mechanism.
- 2.3. The corners are screwed into the frame system and form the final component of the 4-level safety system.
- 2.4. Technical Requirements
 - 2.4.1. New installations with SAMS and repairs are generally carried out by bonding the profiles and corners to the truck body. During installation, the adhesive surface must be roughened using a cleaning fleece to ensure sufficient adhesion of the SAMS advertising frame system.
 - 2.4.2. For proper installation, banner replacement, or vehicle wrapping, the surface of the truck body must be intact, clean, dry, and free of corrosion, grease, oil, and dust.
 - 2.4.3. If the adhesive surface is not suitable for bonding (e.g., poorly painted or coated), any paint or coating must be removed to enable proper installation. If the truck body has been newly painted or coated, the paint or coating must have cured for at least 30 days. The customer is obligated to notify 4media in writing of any repainting.
 - 2.4.4. To prepare for bonding, all components to be bonded must have a surface temperature between +18°C and +25°C. This also applies to the truck body itself.

Within this temperature range, the optimal curing time of the SAMS adhesive is 50 minutes. At lower temperatures, the curing time increases significantly, and proper installation can no longer be guaranteed. This also leads to longer vehicle downtimes and extended installation durations.

- 2.4.5. The customer must ensure that installation can take place under optimal conditions. If these conditions cannot be met outdoors, the customer must provide a suitable (heated) hall. If this is not possible, the customer must cover waiting times or incurred travel costs including travel time according to the current applicable rates.
- 2.4.6. To ensure proper installation, all wrapping and removal of wrapping must take place exclusively indoors (with a power connection for heat gun or hot air blower) and must meet the temperature requirements specified in section 2.4.4. The surface temperature of the foil and related components, as well as the area to be wrapped, must meet the conditions outlined in section 2.4.5.

- 2.4.7. If the required conditions for bonding the SAMS system with SAMS adhesive are not met, the customer hereby agrees in advance that the profiles and corners may be installed on the vehicle's box body using TÜV-compliant rivets.
- 2.4.8. If the above-mentioned conditions are not met, 4media will charge the resulting additional effort based on the currently applicable rate. This also applies if temperature or humidity levels do not allow optimal installation and the customer insists that bonding be used instead of riveting.

3. Conditions at the Installation Site

3.1. Installation Indoors (in a Hall)

- 3.1.1. The room in which the installation of the SAMS advertising frame system, banner change, or vehicle wrapping takes place must be enclosed and protected from weather conditions.
- 3.1.2. For optimal installation of the SAMS advertising frame system or proper wrapping, the room temperature must be between +18°C and +25°C.
- 3.1.3. In case of high humidity (from 85%), installation must not be carried out due to quality and liability concerns.
- 3.1.4. To ensure proper execution of the installation or wrapping, a level and freely accessible area with a minimum clearance of 1.5 meters must be available around the vehicle, especially on the left, right, and rear sides. This area must remain fully accessible for the entire duration of the installation.
- 3.1.5. If the installation or wrapping is carried out in a wash hall, it must not be in operation during the installation. Increased humidity and contact with water can negatively affect the adhesive's performance.
- 3.1.6. During the entire installation process, the customer must provide a driver on standby who can immediately move the vehicle or parts of it upon request by the installation team.
- 3.1.7. The hall provided by the customer to 4media must meet all requirements outlined in this technical information sheet.

3.2. Installation Outdoors

- 3.2.1. The vehicle must be parked on a solid, level, and load-bearing surface. Surfaces such as soil, gravel, or grass are not permitted.

- 3.2.2. For proper outdoor installation, the outside temperature must be at least +15°C and must not exceed +35°C.
- 3.2.3. In case of rain or humidity above 85%, installation must not be carried out due to quality and liability concerns.
- 3.2.4. To ensure proper execution of the installation work, a level and freely accessible area with a minimum clearance of 1.5 meters must be available around the vehicle, especially on the left, right, and rear sides. This area must remain fully usable for the entire duration of the installation.
- 3.2.5. Ideally, the customer provides a covered parking space. However, all of the above conditions must still be met in such cases.
- 3.2.6. During the entire installation process, the customer must provide a driver on standby who can move the vehicle or its components at any time upon the request of the installation team.

4. Dismantling Not Intended

The SAMS advertising frame system represents a permanent enhancement of the vehicle and allows for long-term change of advertising banners. Therefore, dismantling the base profiles is not intended and cannot be done without damaging the vehicle.

If the base profiles are nevertheless removed, this may cause surface damage, structural issues, or other impairments to the vehicle body, including holes that could allow water to penetrate.

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