

PRODUCT DATA SHEET

Casco[®] Glutolin Special

POWDER-BASED, PVAC-REINFORCED WALL ADHESIVE FOR SPECIAL WALL COVERINGS.

DESCRIPTION

Powder-based, PVAC-reinforced wall adhesive for vinyl wallpaper with a paper or non-woven reverse side, heavy special wall coverings with delicate print, or multilayer paper wall coverings. Very high bonding strength and easy to dissolve. For dry rooms

USES

- vinyl wallpaper with a paper or non-woven reverse side
- heavy special wall coverings with delicate print
- multilayer paper wall coverings

CHARACTERISTICS / ADVANTAGES

- Fast-dissolving
- Stronger adhesion than normal starch-based adhesives
- High bonding strength

PRODUCT INFORMATION

Composition	Methyl cellulose with polyvinyl acetate
Packaging	200 gr
Colour	White powder (when mixed w water it is transparent)
Shelf life	60 months (in unopened packaging).
Storage conditions	Store in a dry, cool, frost-free place.
Density	Approx. 500 kg/m ³
Mixing Ratio	<ul style="list-style-type: none">▪ Pre-gluing – 200 grams of powder to 8 litres of water▪ Roller gluing – 200 grams of powder to 5 litres of water
Consumption	Pre-gluing – 200 grams of powder to 8 litres of water, sufficient for approx. 70 m ² Roller gluing – 200 grams of powder to 5 litres of water, sufficient for approx. 30 m ²

Ambient Air Temperature	Not below +18 °C – both surface and material.
Relative Air Humidity	30-70 %
Open Time	5–20 minutes. Both waiting and application times are highly dependent on the amount of adhesive applied, the absorbency of the underlying surface, the temperature and the air humidity.

APPLICATION INSTRUCTIONS

Preparation

Depending on the wall you have today, follow the guideline below. Always make sure to also follow the instructions from the wallpaper producer.

For wallpapering on;

- Concrete, light concrete etc: Needs to be full surface levelled before wall papering. See "Levelling".

- Levelled surfaces (strongly absorbent): Needs to be pre-glued with diluted wall adhesive before wall papering (mix 1 part adhesive with 40 parts water), to prevent poor bonding and blisters of the wallpaper. Pre-glue the wall with diluted wall adhesive one day before wall papering. Small holes and cracks are filled with suitable filler, see "Levelling".

- Plasterboard, chipboard and wood fiber boards: Do not need full surface levelling but small holes and cracks should be filled, see "Levelling".

- Painted walls

Wash the walls with a paint wash or the like-wise. If there are holes / cracks they should be filled, see "Levelling".

- Wall with wall paper

It is possible to wallpaper directly on old wallpaper, if there are no more than 5 layers and provided they are well attached and free of blisters. If the wall paper has structure (fiberglass, sea grass etc) , the wall needs to be full surface levelled. For best result, remove old wallpaper. See "Demolition" and "Levelling".

Demolition of wallpaper

Vinyl wallpaper with paper backing and fiberglass coverings etc are torn by "cleavage", meaning completely free from the wall.

Other wallpapers are soaked with Casco Remover and scratched with a steel trowel. Apply the CascoRemover with a roller or sponge and let sit for approx 30 min, then scrape off with a steel trowel.

Levelling

- Remove any loose parts from the wall, as well as make sure it is dry and clean (brush or wipe the wall clean)
- Fill holes and cracks with small steel spatula, grind when dried.

- Check if you have larger bulges in the wall, use a leveller. If you have large bulges, they need to be levelled out.
- When levelling on structured wall paper, make sure to shave wallpaper edges.
- Large cracks and holes (more than 10 mm) on concrete etc are filled with powder levelling compound
- On uneven walls, level twice, grind and clean the wall. On plane surfaces there is no need to level before wallpapering.
- Clean the wall with a brush or wet cloth
- On full surface levelled walls, pre-glue the walls with dilute wall adhesive (1 part powder:40 water) one day in advance of wall papering.
- Start wallpapering!

For full surface levelling, hold the trowel in an angle of approx 30° to the wall. Make sure to not press too hard, to create edges. Apply the levelling compound with large strikes.

See list in the end for selection of wall levelling compound.

Wallpapering

The first board

When you start wallpapering, start from a window and wallpaper to the darkest part of the room. In this way the joints will appear the least when the light falls on the walls.

To make sure you mount the wallpaper in level, draw a vertical line (use a leveller) a little less than a width of a board from the window. If you choose to start at a corner, draw the vertical line so that it is 1 cm past the corner, to create an overlap to the next wall and hence get a nice corner. Glutolin Special adheres strongly to both wallpaper and the underlying surface, so the lengths of wallpaper will be hard to adjust when hanging.

For the vast majority of wallpaper, the adhesive is applied directly to the wall. (For paper wallpapers, apply the adhesive with a roller on the wallpaper, then swell for about 5-30 minutes before assembly). When applying the wall adhesive, work in the full height of the wall from the window and pass vertical line. Start the gluing at the bottom and work upwards on the wall. It is warmer under the roof so the glue dries faster there. For easy mounting, in cases where the adhesive can be applied to the wall, use a trough and pull the wallpaper to the ceiling so that it is 4-5 cm taller than the wall.

Make sure to press out all blisters/bubbles diagonal with a soft brush or a plastic trowel. For nice and sharp edges against sealing, lists, window frames etc,

use a sharp trowel to press the wall paper in to the corner, and cut off the excess wallpaper directly with a sharp knife. Hold the knife in approx 45° to the wall for best result.

Wash away glue residue from wallpaper etc immediately with sponge and clean water. Replace water frequently.

The second board

Check if the wallpaper you selected should be mounted with overlap or edge to edge (see label on the wallpaper roll). Since you now have a board in level, it is just to continue applying glue and wallpaper as in previous steps. Note if your wallpaper has pattern that needs to be matching and note that even striped wallpaper should be mounted in the "same direction".

Around doors and windows

For easy application of the adhesive, use a brush along doors and window frames etc. Put up the wallpaper with an overlap to the list of 6-7 cm. Cut clean directly after mounting, use a sharp trowel and a sharp knife. In the corners of a window, cut diagonally for a nice result.

When you wallpaper in a corner of the room, make sure you have an overlap of the wallpaper, even if the wallpaper normally is mounted edge to edge. This is to be able to create a board in vertical level for the next wall, since corners seldom are fully in level. Make the over-lap with at least 1 cm.

Power plugs

Switch off the power when wallpapering at or around the circuit breaker and power outlet. Remove the protective cover and mount the wallpaper, let the board cover the contact. Cut a cross over the contact and cut away the four tabs with the excess wallpaper close to the connector. Then put back the protective cover before you continue.

- Small holes/cracks: **MultiFill** (max 10 mm), **CascoSpack Universal** (max 4 mm) or **CascoSpack S** (max 2 mm)
- Large holes: **OneFill Premium** (up to 50 mm)
- For joints in gypsumboards etc: **GipsplateFiller**, **MultiFill** or **CascoSpack Universal**
- For full surface leveling: **CascoSpack Universal** or **WallFiller**
- For large holes/cracks in concrete etc: **HusFix** or **HusFix Rapid**

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CLEANING OF EQUIPMENT

Clean tools with water before the adhesive dries. Use methylated spirits to dissolve dry adhesive.

BASIS OF PRODUCT DATA

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 declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product data.

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) 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 Casco 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 or on the website www.casco.eu.