

PRODUCT SPECIFICATION *HERTALAN® KS205* PRESSURISED CANISTER SPRAY SYSTEM

DESCRIPTION *HERTALAN® KS205* pressurized canister spray system is a ready for use contact adhesive

system. Using the appropriate spray gun and hose, the adhesive can be sprayed directly without the need for a compressor or power supply.

TECHNICAL DATES

Type of product	: Contact adhesive for the construction industry, in a pressurized canister.
Physical state	: Liquid.
Colour	: Yellowish.
Flame point	: < 0 °C.
Mixable with water	: No.
Shelf life	: 12 months, if stored cooled in the original, sealed pack.

INSTRUCTIONS FOR USE

HERTALAN® KS205 is a contact adhesive which is to be applied to both surfaces. This adhesive can be used on both horizontal and vertical surfaces.

Before use, shake or roll the pressurized canister for at least 30 seconds to distribute the propellant evenly and therefore to give a homogeneous spraying pattern. Hold the spray gun approx. 20 cm from the surface to be sprayed and adjust it to give an even spraying pattern. The adhesive must be applied to both surfaces, to the substrate and to the *HERTALAN® EPDM*. Once the adhesive is dry to the touch, fold back the *HERTALAN® EPDM* (within 10 minutes), carefully and without trapping air (avoid tension or folds), and compress with a silicone roller in order to get optimum adhesion. The application temperature is between 5 °C and 35 °C. Do not expose the pressurized canister to direct sunlight or to temperatures in excess of 40°C.

The pressurized canister is user-friendly and is ready for use directly after connecting the hose and gun. The closed system prevents the adhesive from drying out, so that the system is re-usable. The gun however must be released immediately after use. Before continuing work, clean the gun nozzle, re-attach it, open the gun again and continue. The valve on the pressurized canister remains open until the container is exchanged for a new one.

If the adhesive begins to splutter during spraying, the canister is nearly empty. Make sure an even layer of adhesive is applied to the surfaces to be adhered. If this is no longer possible, spray the pressurized canister empty into a piece of waste plastic or cardboard. Keep spraying as long as possible until only gas is sprayed out of the canister. Close the valve of the canister, release the pressure from the hose and remove the hose from the canister. Keep the gun handle squeezed so that pressure can no longer build up.

Attach the hose immediately to a new full pressurized canister and open the valve of the canister. This will protect any adhesive residue in the hose from drying out, so that you can carry on spraying.

Release any remaining pressure from the canister in a controlled manner by opening the valve of the canister. Remember that there may still be leftover adhesive in it. Once the pressure has been completely released, leave the valve and break open the weak spot (next to the valve on top of the canister) so that any leftover adhesive can harden, after which the canister can be disposed of as scrap metal.

SURFACES

Concrete, cellular concrete, timber, (mineralized) bituminous roofing, etc. The surfaces to which *HERTALAN® KS205* is applied, must be clean, dry and free of grease. Sharp components must be removed and rough surfaces evened out. *HERTALAN® KS205* is not suitable for adhering unprotected (bare) polystyrene foam or plasticized PVC.

AMOUNT OF ADHESIVE

Depending on the evenness of the surface and the materials to be adhered, the amount of adhesive required (applied on both sides) is 0.35 l/m². A net surface area of approx. 50-55 m² roofing surface can be adhered per pressurized canister.

CLEANING

Any tools used can be cleaned using white spirit.

OPEN TIME

The open time depends very much on the temperature and humidity. Under normal circumstances, do not apply more adhesive than can be covered in maximum 5 - 15 minutes. The open time will be shorter at high temperatures.

CURING TIME

Depends on temperature and humidity. The adhesive strength increases gradually and reaches a maximum after approx. 48 hours.



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