

Instructions for using 2124 - Adhesive for laminated rotor/stator - stacks

Kisling 2124 is a special adhesive for the high-speed bonding of flat single steel sheets to sheet metal stacks, as required for stators or rotors in electric motor construction.

Use of adhesive:

Kisling 2124 is applied either from underneath or from the top in the area of the punching geometry.

This can be done either as drop by drop following a certain dot matrix, via suitable valve technology, or over the entire surface by brush, roller or screen printing,

The chosen application manner is depending on the planned manufacturing process.

Use of activator:

Either the activator Kisling 2900 or Kisling 2901 is applied to the other side of the single steel sheet or steel band without touching the adhesive.

It can be applied over the entire surface by dipping, spraying, brushing or any other suitable dosing technique.

The solvent of the activator must be completely evaporated before the individual laminations or sheets are joined, so as not to affect the curing or wetting of the adhesive.

The sheets or steel strips should be joined immediately after the solvent has evaporated. Fix the joined parts for at least 15 seconds to achieve initial strength (please check the correct fixing time for your specific application).

Store the parts until functional or final strength is achieved without stressing the bonding neither in tension nor in shear or impact.

Precautions

For your own safety, please refer to the information of the concerned MSDS and for the correct handling the "technical datasheet".

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