

Salvadori 8701

Instructions of use

8701 + 8702 is a 2K adhesive for conveyor belts' cold splicing. It is used to join rubber with rubber, rubber with metal, ply with metal, ply with ply, ply with rubber

This product has been manufactured WITHOUT toxic solvents.

Conveyor belts' cold splicing using this product is not different from the one with Trichloroethylene basis' products, although there are some aspects to be taken in account.

Before using it, 8701 has to be mixed accurately with 5% of Hardener 8702. The mixture's pot-life is about 60 minutes for 1kg of product by a temperature of 20°C.

By using the mixture within the pot-life time, the best adhesion on different kinds of rubber is assured.

Due to the different kind of solvents used for its production, these rules have to be taken in great account:

Ambient temperature and splicing products' temperature should lay between +10°C and 25°C

CONDENSATION OF WATER AND DEW POINTS MUST BE ABSOLUTELY AVOIDED.

Due to the rapid evaporation of the solvents that may take place, the belt can cool down very quickly and, in case of high humidity, an invisible film of moisture/dew can appear on the surface to be bond; as a result of it the splicing could be less then perfect and the joint's life be shorter.

If necessary act this way:

- set up a tent to protect the working area from rain, wind, sunlight and heath.
- warm up the splicing area with hot air or UV dryer.

Joining of splice

By using a buffing tool (for example a rotating wire brush) buff the bevelled edges of the rubber covers and the surface of the rubber edges very carefully.

Buff the intermediate rubber and smooth any high spots. During buffing should not appear any shiny spots and/or scorching of the rubber.

Make the edge of fabric steps round without damaging the fabric ply (protect it with a tin plate).

Remove buffing dust with a clean, dry brush.

By using a short bristles brush, coat twice the splicing area and the joint gaps of both belt ends with the mixture 8701 + 8702.

Let the first coat dry completely (approximately 30 minutes)

Let the second coat dry until it is still slightly tacky (check it with the back of the finger). In case of overdrying, apply another coat.

Fabric with coarse surface needs 3 coats of mixture.

Join both surfaces to be bond and hit them with an hammer. If it were possible, it would be better to press them in order to avoid bonding's defects.

These recommendations are based on our experience in the laboratory and in practice. Since this kind of work is often performed in outdoor environments with widely varying weather conditions, we recommend you follow the tips above mentioned and pay attention to the behavior of the adhesive if you are in critical condition.

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