CONREPU – working instructions

Within a short amount of time, damage to either the carrying side or the bottom side of rubber conveyor belt covers can be repaired by a simple filling and bonding procedure using CONREPU.

CONREPU can be used for holes of up to 5 cm (2 in) in diameter and tears of 5 cm (2 in) width. The length of the tear does not matter. Repairs using CONREPU are a simple, quick and inexpensive solution. Fabric and Carcasses cannot be fixed with CONREPU.

Preparation of damaged area:

1. Clean damaged area thoroughly.

2. Skive damaged area with knife. (ATTENTION: do not harm fabric)

3. Buff rubber surfaces with grinder (grit size P36), including the edges with finger grinder or rough scratch with rasp tool. (ATTENTION: do not harm fabric)

4. Remove dust and ensure area is dry.

5. Apply one coat of cold bonding glue (e.g. with Conti SECUR BFA). Note: drying time at least 10 minutes.

Conveyor Belt Group
Work with CONREPU:

6. Put one cartridge each (PU and isocyanate) into the pistol. Remove caps from both cartridges. (ATTENTION: keep cartridges in an upright position)

7. First shot: press the pistol trigger gently and allow a small amount to flow from both cartridges. Be sure to orient both openings horizontal to avoid any isocyanate flowing into the PU-cartridge.

8. With the pistol in the upright position proceed with attaching the nozzle. Mind the correct orientation of the nozzle when putting it on. (ATTENTION: in case you attach the nozzle incorrectly, discard of the nozzle. Otherwise the isocyanate will clog the cartridge.)

9. Pull the trigger of the pistol and fill the nozzle, do not release the trigger, and then move directly to the next step.

10. Second shot: discard PU (amount inside a filled nozzle) onto a cloth or paper, do not release the trigger, and then move directly to next step.

11. Fill the damaged area quickly and without interruption. The nozzle may be dipped into PU-material. The damaged area should be filled slightly above the conveyor belt rubber cover level. If one cartridge is not sufficient to fill the whole area, change the cartridge as fast as possible as the PU cures within seconds. Keep enough cartridges prepared (refer to step 8) available. Waiting too long between cartridge changes will not allow the PU material from the new cartridge to adsorb into the previously applied PU material. In that case, you have to complete the repair using the instructions up to step 12, and then repeat starting at step 1 for the unfilled area.

12. Wait at least 20 minutes until PU is completely cured.

13. Finish with buffing the filled part with a grinder (grit size P36) until it is level to the rubber cover. For a smooth surface polish the area (grit size P80 through P120). If you have not used the whole cartridge, keep it with the nozzle attached. The shelf life is not affected. You can reuse the remains by removing the nozzle instead of the cap (as described in step 6) and proceed by using a new nozzle and these instructions.

Recommendation: Prepare additional cartridges if you think more than one set will be required for the repair. Up to step 8, the process is fully reversible. You can detach the nozzle and seal the cartridge with the cap. If no isocyanate gets into PU-cartridge, the shelf life is not reduced.

Attention: From now on the following steps have to be done uninterrupted. After mixing of both components, the PU-material is cured after few seconds. Do not pause between steps 9 to 11.