

## **GENERAL PRINCIPLES FOR WORK WITH SELF-ADHESIVE MATERIALS**

To achieve the high quality application of self-adhesive materials, the quality of the surrounding environment (during storage, manipulation and mounting) are very important.

Risk factors include dust, humidity, grease (the touch of human hands), silicon and UV radiation.

Therefore it is recommended that the following principles be observed:

the environment, in which the self-adhesive materials are applied:

- recommended temperature of approximately: 18 °C,
- in an environment contaminated by the above-mentioned risk factors, it is necessary to take measures to prevent damaging the materials.

manipulation with self-adhesive mirror plate during application:

- work with clean hands,
- the material must be adjusted to the temperature of the surrounding environment,
- prevent any contact of the adhesive layer with surfaces other than the application surface,
- while removing the safety sheet stick the material directly onto the application surface,
- when sticking the material, press for a longer amount of time.

application surface:

- cannot be contaminated by the above-mentioned risk factors,
- must be adjusted to the temperature of the surrounding environment.

removal of impurities from the application surface:

- according to the level of contamination, it is recommended that the following be used: a clean rag, alcohol, benzine or MEK,
- beware of detergents and soaps – they contain humectants!

stressing the adhesive connection:

- it is necessary to take into consideration the fact that the self-adhesive materials attain their ultimate adhesive strength after 12 to 24 hours (especially important with strength connections),
- with strength connections, the prevention of inappropriate stressing, primarily leveraging, is recommended,
- continuous stress on glued surfaces (e.g. curved surfaces) damages the connection's strength.