

Operating instructions for CSM panels

CSM-temperatures for storage and handling:

- Dry storage required, condensation water, high humidity and dew point must be avoided
- Contact with other metals must be avoided

For CSM-panels **filled with RT** the following information applies:

- CSM-panels filled with RT should not be heated higher than 30K above their melting point

For CSM-panels **filled with SP** the following information applies:

- Long periods with temperatures above melting point should be avoided
However, if this occurs, a new initialization might be necessary. This is simply achieved by freezing the panel (T 5°C).
- The panels filled with SP should not be stored at temperatures higher than 15K above their melting point
- For SP21EK to SP29Eu: temperatures above 45°C and below 0°C can lead to a damage and should be avoided

Handling and use:

- The CSM-panels are made for horizontal assembly. Only this arrangement assures that the full storage capacity of the CSM and its integrity are preserved for a long time
- Please take care that the closure of the CSM-panel lies on the surface of the panel
- Do not stack the CSM-panels directly on top of each other
- Outer force attacks, hits and pressure should also be avoided.
- **Avoid shocks on edges and corners under any circumstances!**
- The CSM-panel is a closed system with a liquid filling. Opening, drilling, cutting or any other mechanical change lead to a damage of the panel and leakage of the filling
 - SP-filling: this material is corrosive to many metals.
 - RT-filling: this material can react with plastics.
- A damage of the surface coating can lead to corrosion at adverse conditions