

## OBLIGATIONS ON THE RECIPIENT OF ALUMINIUM PROFILES

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1. Aluminum profiles must be loaded, unloaded, transport and storage under conditions which prevent contact with moisture.
2. Transporting aluminum profiles should be absolutely protected against displacement and getting wet.
3. It is prohibited to transport with outdoor car especially when variables weather conditions (rain, snow). When unloading and loading extreme caution should be used, the products can be easily damaged!
4. Aluminum profiles should be stored in dry and ventilated places, protected against sudden temperature changes.
5. Aluminum products should be stored indoors protecting from precipitation in order to avoid corrosion and mechanical damage. You should not keep aluminum products outdoor.
6. Particular attention should be paid to the unloading in winter conditions and storage in heated warehouses. As a result of the considerable difference of temperature between the profiles water is precipitating, which leads to corrosion.
7. Storage of aluminum products in places where they are exposed to large changes in humidity and air temperature is prohibited, as it may lead to condensation of water vapor between the profiles, which can be cause of corrosion in the form of black spots.
8. Condensation can also occur in winter if the aluminum is transported in a cold truck and then unloaded directly into a heated facility. In order to avoid condensation on the cold aluminum surface, we recommend leaving the aluminum elements in their original packaging in the facility until they acclimatize to the new, warmer environment. The acclimatization process usually takes from 36 to 48 hours. before unpacking.
9. In the event of wet aluminum profiles during transport, handling or storage, it is essential to dry all profiles and divide them with appropriate, dry spacers - to allow free air circulation. Storage of soaked profiles can lead to damage to the coating or to the formation of corrosion.
10. An important information regarding the temperature and climate in the storage of aluminum is that the recommended minimum storage temperature is 10 ° C. It should also be mentioned that outdoor storage carries the risk of faster pitting corrosion due to air pollution from industrial and urban areas.
11. In case of receiving a car transport, the carrier should properly secure aluminum profiles that they do not have mechanical damage and are not wet.
12. During the unloading, loading, or transferring of aluminum profiles should be especially careful not to scratch the shell, and avoid moving the of profiles as it can cause damage.
13. In the case of storage profiles that are protected with protective foil, it is essential that the foil is torn and the package is depressurized. This will allow ventilation of air from the lower and the upper side of profiles eliminating the occurrence of condensation of water vapor between profiles.  
**NOTE: Longer storage of profiles with protective foil can result in surface damage.**
14. Avoid contact of aluminum profiles with copper, because it can cause corrosion. Compliance with these rules will protect the aluminum against discoloration.

***The company "EXTRAL Sp. o.o. " is not responsible for the occurrence of corrosion on profiles stored in violation with these principles.***