

User Information

Impact angle

The maximum permitted load (Joule) is based on an impact angle of 90°. The smaller the impact angle, the higher the maximum load. During the selection process, the expected impact angle plays a significant role. An important decision criteria is if the pallet- and industrial trucks are moving parallel or frontal to the barrier. Furthermore the overall weight of the truck has to be taken into account. The heavier the trucks, the more massive the impact protection has to be.

Deflection zone on max. permitted load

The deflection zone of the d-flexx barriers on maximum permitted load is 25 cm. During the installation, please ensure the correct distance of 25 cm to the property you want to protect to guarantee the maximum possible collision protection.

Installation basics

The mounting of the d-flexx barriers should always begin with putting the start- or endpost. Starting from there, the beams can get plugged in and be connected with the following posts until the final barrier length is reached. To connect the single beams with each other, please use the included locking pin. The insertion of the beams to the posts works easier with a lubricant, e.g. detergent/soap-water-solution. To finish the barrier, the caps have to be put on the posts via e.g. a rubber mallet.

Mounting Material

For mounting the d-flexx products, the exclusive use of the included mounting material is highly recommended. No guarantee of durability can be given in case of using other materials than the included.

Cleaning

For cleaning the d-flexx barriers we recommend the use of a household glass cleaner. Therefore please apply the glass cleaner to the surface of the barrier or a microfibre cloth to remove deposits. Due to the chemical resistance of the polymer material, standard household detergents can be used for cleaning.

Visual inspection

All d-flexx products should be inspected for damages regularly, especially on the floor mounting. If necessary, the fixing screws should retighten to guarantee a maximum energy absorption.

Spare parts

Spare parts (e.g. posts, beams, locking pins, caps, screws) have to be provided by the manufacturer or an authorized dealer. Spare parts from third party providers can affect the stability of the barriers so that the maximum absorption of impact energy can not be guaranteed.