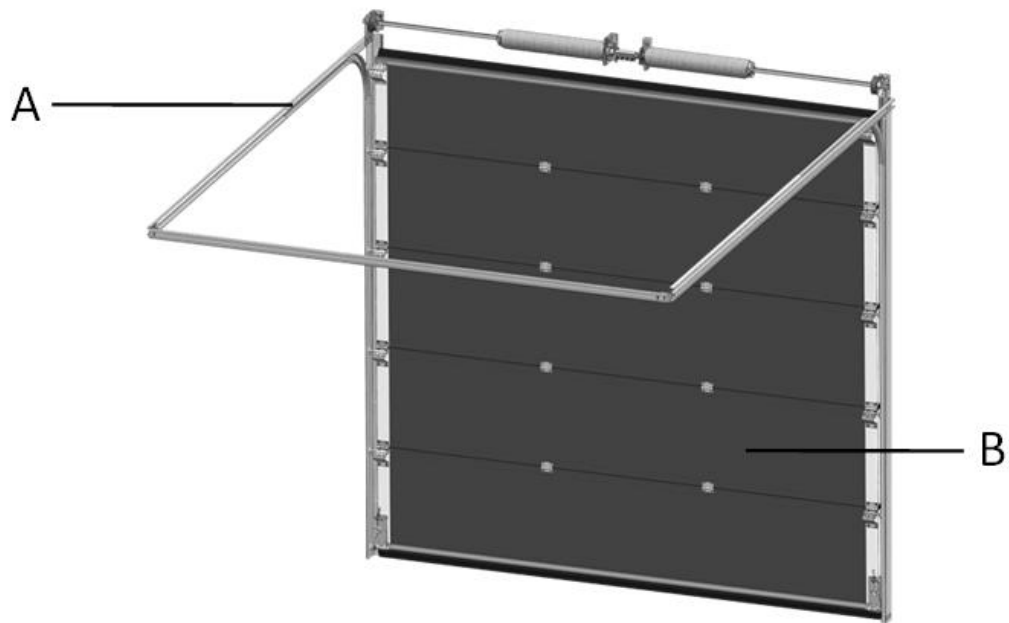




SITE RISK MANAGEMENT

MANUAL OPERATED INDUSTRIAL SECTIONAL OVERHEAD DOORS.

Following evaluation criteria and solutions must be carefully filled in, in accordance to applicable parts of CEN EN 12 341-1 and EN 12 635.



Risk areas for Sectional Overhead Doors. (fig.1)

The Door have following definitions regarding site risk management.

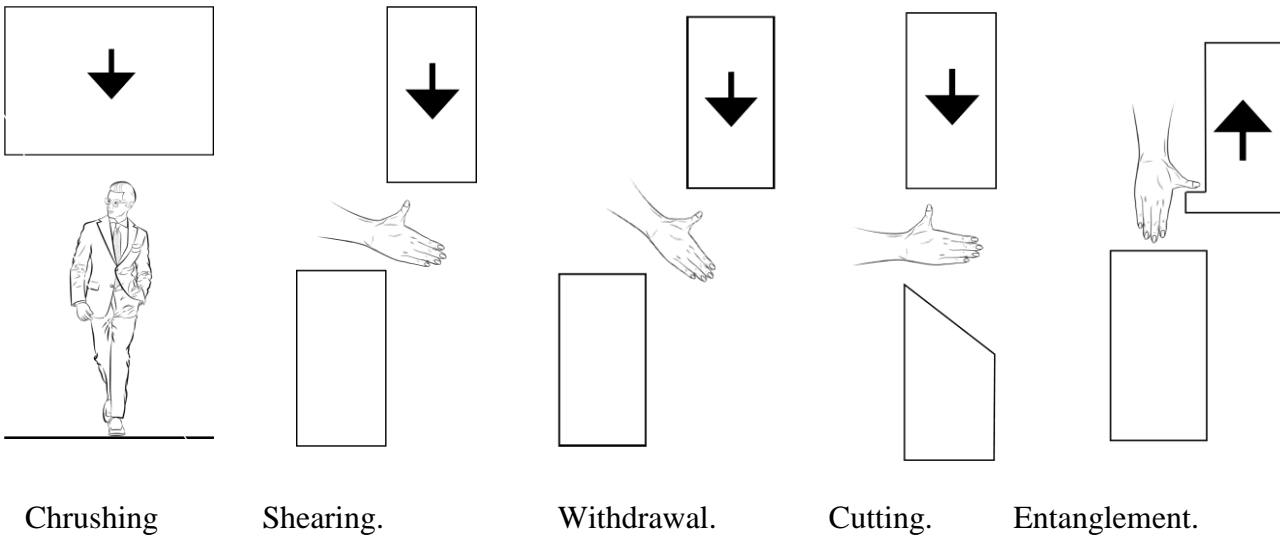
Danger: Potential source of injuries

Risk area: All areas within or around the door where a person are exposed for danger for his / hers health or safety.

Exposed person: Each person who fully or partially stay in the risk area.

Hazard: Combination of probability and the degree of injuries or health problems which can arise in a risks situation.

Following illustrations of hazards to be used for risk evaluation on installed Doors (= technical document for installation Company).



Following evaluation criteria and solutions to be filled in, by use of the illustration tabular for minimum protection of sharp edges as shown above.

The hazards illustrates by above standards. Hazards mentioned below follow the steps installation procedure. Identifierea hazards have been calculated and evaluated These are the ones that are common hazards for manual operated SOHD Industrial Doors.

Additional site management risks has been carried out for applications which can not been foreseen in these standards.

Type of hazards:	Evaluation criteria and solutions applied. (check the box for the applied solution) .
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(1). Loss of stability and damage during operation

- Check if rails and roof hangers are fastened with the correct material, in accordance to the Installation-manual
- Check that movement of door-leaf is restricted (during opening and closing) by mechanical stops with sufficient strength.
- Check that the door leaf is equipped with suitable anti-drop devices and that the door leaf cannot come out of the vertical- and horizontal rails and fall down. (see installation- and service-manual).

(2). Slipping, tripping or falling.

- Check that there is no protruding parts which can lift tools or parts which can fall down during opening.

(3). Chrushing or shearing on vertical track rails. (Fig.1, risk A).

- Check that the vertical track rails have an opening reduced to a minimum versus rollers and without sharp edges.

(4). Shearing depending on shape of moving parts on door leaf (Fig.1, risk B.)

- Eliminate and protect all sharp edges or protruding parts (e.g. By covers or rubber strips)
NOTE! All eventual openings may not allow a variable gap > 8mm.

(5). Warnings.

Attach all these signs or warnings required to indicate any residual risks and indicate any foreseeable incorrect uses.

(6). Marking

If not already done, attach the product label or sign with CE-marking on inside endcap / door leaf. (example of product label below).

(7). Operational instructions

Hand over users manual, safety alerts and performance declaration to the user.

(8). Maintenance

A maintenance plan needs to be prepared and implemented . Check functionality of the safety features at least once a year, or more often when indicated by the service instructions.

Record all work done in the logbook (maintenance- and repar-work) in accordance with EN 12 635.

(9). Unprotected residual risks.

Inform the user in writing about any remaining risks or foreseeable incorrect user areas.

Performed site risk management and site acceptance test including signed declaration of conformity handed over to customer.

Date:.....

Installer / Representatives Installation Company: Representatives Customer:

Name:.....

Name:.....

Signature:.....

Signature:.....