

A close-up photograph of a yellow, curved lifting pad (SpanSet secutex) mounted on a red, perforated metal cylinder. The pad is shown in a curved, U-shaped profile, highlighting its flexibility and design. The background shows a grey metal structure and a concrete surface.

SpanSet secutex®

02

Lifting
Buffer pad
Lifting equipment

02.4 COLLISION PROTECTION

Typical damage to high-bay warehouses

Typical damage in the high-bay warehouse



Even innocuous-looking damage due to collision to part of the construction, especially damage to posts and supports, can adversely affect the stability of a shelving section or the entire shelving system.

If there are recognisable cracks in welds or the base material then urgent action is required.



Often crash protection is used as a preventative measure on the vulnerable outer shelving supports. However, rigid, steel angle bars only offer slight collision protection.

Experience shows that: Rigid, steel angle bars are permanently deformed by the impact energy of the forklift truck at its normal working speed and the shelving supports to be protected are also damaged.



Rigid steel and secutex buffer pad dampen the collision considerably

secutex collision protection combines the properties of the rigid steel profile with those of the indestructible and absorbing secutex buffer pad.

The flexible secutex profile dampens the collision and the solid steel construction prevents the shelving supports from being buckled.

Figure: secutex SAS-AB collision protection
Rigid steel profile with secutex hollow profile - SPL-HP
Thanks to the hollow cavities the collision protection has an especially high crumple zone.



02.4 COLLISION PROTECTION

Collision protection for shelving supports
Collision protection for corners and posts



Collision protection for shelving supports

Even slight dents can adversely affect the stability of a high-bay warehouse. The collision protection for shelf supports protects against damage caused by frontal impact. The hollow cavities in the buffer pad profile dampen the collision energy, the solid steel profile on the inside prevents bending of the shelving supports.

Type	Height [mm]	Plan view
SAS-AB	1.000	
SAS-B	1.000	

Crash guards for corners and posts

The crash guard is bolted to the floor and serves as collision protection, for example, on shelves, high-speed doors, etc. The surrounding buffer pad band absorbs the impact energy of the forklift or pallet truck. This provides higher service lives in comparison to conventional steel angle bars.

Type	Height [mm]	Plan view
SAS-E	300 400	
SAS-D	300	
SAS-C	400	

Avoid repairs by using se-cutex collision protection

Special sizes and configurations

The sizes and configurations indicated can be changed at the customer's request. Talk to your expert adviser!

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