

ECLIPSE™ NH IMPACTABLE DOCK SHELTER
TIGHTEST SEALING DOCK SHELTER AVAILABLE
A COMPLETE DOCK SEALING SYSTEM: ALL 3 SIDES OF THE TRAILER

Seals & Shelters

eclipse™
DOCK SHELTER



RITE·HITE
ALWAYS LOOKING AHEAD

Protection of Profitability

Poor sealing leads to...

Quality
inspection concerns

Energy loss

Contamination
concerns

Diminished
employee comfort

Product damage

Safety hazards



Poor Sealing Efficiency at the Loading Dock

Ordinary dock shelters or inflatable dock shelters cannot seal hinge gaps created by swing-out trailer doors!



Additional air gaps occur due to insufficient pressure from traditional Monofilament side curtains against the trailer or trailer doors!



Poor Sealing Efficiency at the Loading Dock

Air gaps occur when ordinary dock shelters are used:

- Top of trailer

Gaps occur due to insufficient pressure from a traditional Multifilament head curtain against the roof of the trailer!

- Bottom corners (side frame left/right)

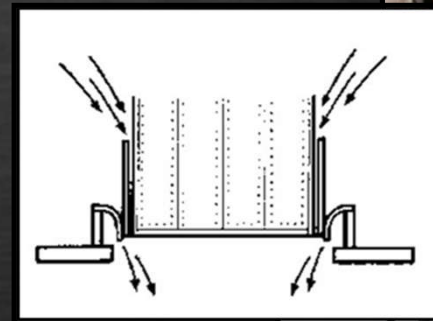
In most cases ordinary dock shelters are not equipped with corner draft pads and/or draft pads are missing because they get very easily damaged!



What Are the Consequences?

Exposed **hinge gaps** on all trailers with swing-out doors are equal to a minimum **0.25 m² opening^{*1)}** in your building wall (for every loading dock position):

- Energy loss can cost **hundreds of Euro's** per loading dock position per year
- Trailer hinge gaps also allows rain, dust and bugs to enter
- Cold air, rain and snow increase worker discomfort and can create hazardous conditions on the loading dock



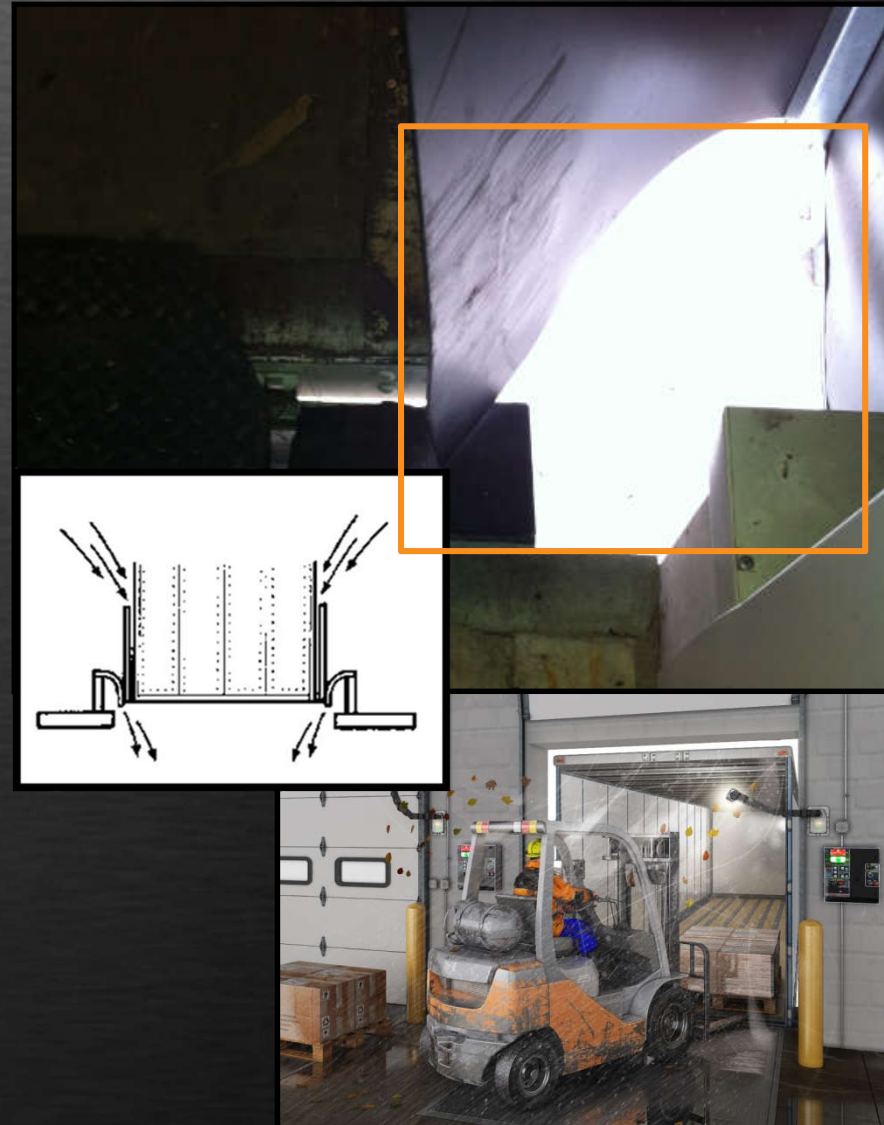
^{*1)} Opening may increase due to insufficient pressure from traditional side curtains against the trailer!

What Are the Consequences?

Exposed **bottom corner gaps** are equal up to a **0.50 m² opening** in your building wall (for every loading dock position):

- Energy loss can cost **hundreds of Euro's** per loading dock position per year
- Bottom corner gaps also allows rain, dust and bugs to enter
- Cold air, rain and snow increase worker discomfort and can create hazardous conditions on the loading dock

An inefficient seal at the **top of the trailer** increases the total opening (m²) in your building wall!



Not All Dock Shelters Are Impactable!



Rigid or collapsible frame design dock shelters can easily be impacted and damaged.



Inflated air bags can easily be damaged if they are not in the stored deflated position before the trailer departs.

- Repair and replacement costs of a damaged dock shelter can range from **several hundreds up to thousands of Euro's** per loading dock position!

The Solution

ECLIPSE the Light.
Seal the Gaps.

1. Trailer Top
2. Upper Corners
3. Sides
4. Lower Corners



1 Weighted Top Seal

Gravity-based top seal, pressure (45 kg) across full width of trailer top seals against:

- Rain
- Dust
- Wind
- Snow
- Daylight

Automatic adjustment, requires no pull ropes

Coverage range of 380 mm, seals short and tall trailers

No additional rain diversion seal needed



2 Upper Corner Seal



View of corner pockets from inside

Innovative new system:

- Header seal received into corner pockets to completely block gaps
- Tight, dark and gapless seal as results



View of corner pocket from outside

3 Side Seal

New, advanced curtain design features double-seal technology to provide the tightest seal possible against the sides of trailer



Before



After



Double-seal technology

4 Lower Corner Seal

Extra durable, fully collapsible draft pad design:

- Tough, fully XLPE (cross-linked polyethylene) foam design
- Velcro and fasteners provide secure attachment:
 - Less susceptible to being torn off by trucks and trailers
- More effective sealing over time as draft pad holds up better and longer
- Saves up to € 1000 in energy costs per loading dock per year!



Eclipse NH Sealing

Drive-thru applications:

- Eclipse NH design lets trailer doors be opened inside the building for security or other purposes while maintaining the tightest seal possible in these applications!



Eclipse NH Sealing

Works with varying vehicles:

- The advanced design features enable reliable sealing performance even when different vehicles styles use the same loading dock position

Vehicles have roll-up doors, fabric “doors”, etc. that do not cause hinge gaps



Eclipse NH Durability

Slim, HMWPE-wrapped foam side frames for ultimate impact protection

Fiberglass stays resist breakage and ensure consistent pressure

Removable side curtains for maintenance flexibility

Double-seal technology



Rugged HMWPE impact plates

Durathon™ friction-resistant side curtains standard



Rite-Hite Quality

Invest in the strongest fabric available on the market!

Dock shelters and dock seals take a pounding from weather, wear and repeated trailer impact.



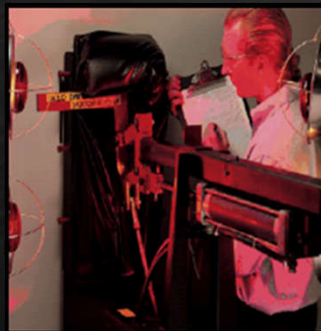
The fabric should protect your investment against:

- Tearing
- Abrasion
- Weathering
- Peeling

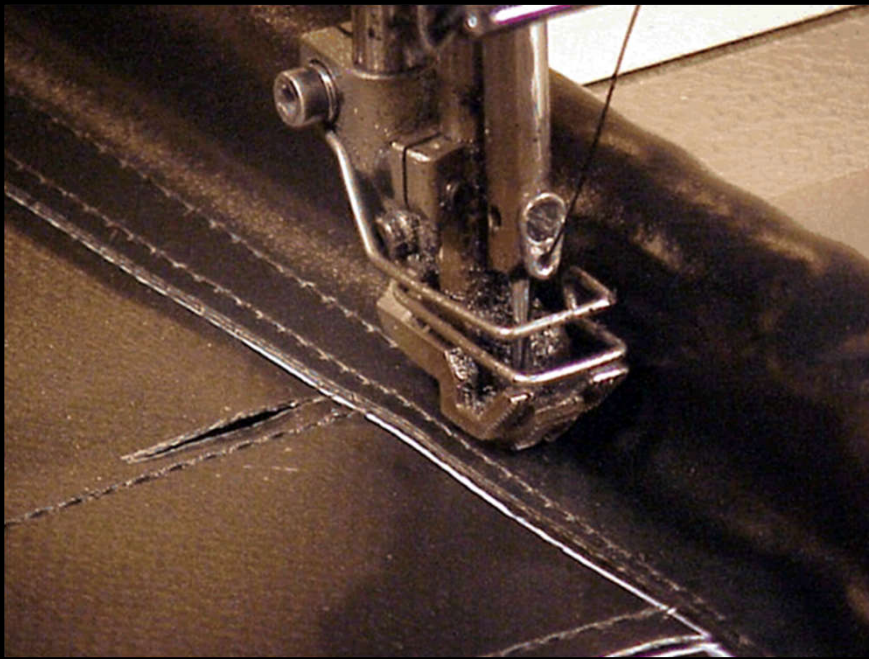
Rite-Hite Quality

Engineering of fabrics:

- Own in-house fabric testing laboratory
- Abrasion tests wear cycles
- Tensile tests measure strength
- Flex arm simulate the action and wear patterns during loading and unloading
- Full size trailer simulators are used to measure fabric performance and durability



Rite-Hite Quality



The majority of our dock shelter and dock seal fabrics are sewn together and are not hot welded.

ArmorPleats™ on side pads and head curtains:

- Provide additional layers of fabric for protection and extended life
- Balanced coating protects both sides

Fabric Comparison Performance Measures

FABRIC	TEAR	ABRASION	ADHESION	FLEX ARM CYCLES
Durathon™	★★★★★	★★★★★	★★★★★	140,000
Superwear™	★★★	★★★	★★★★	50,000
40-oz Vinyl	★★	★★★	★★★	40,000
22 Plus	★★★	★★	★★★	37,500

★★★★★ = Best Rating

Return on Your Investment



Eliminate costly repairs:

- Ranging from **several hundreds up to thousands of Euro's** per loading dock position!

Average payback time within 12 to 24 months:

- Positive cash flow of **€ 1000 to € 2500** over an average 7-year product life cycle!

Typical savings per loading dock per year:

- **€ 250 to € 1000** because energy is escaping through trailer hinge door gaps!
- **€ 250 to € 1000** because energy is escaping through both bottom corner gaps (side frame)!

