



TKO DOCK DOORS

Knockout and Cold Storage Doors

Impactable Industrial Dock Doors

TKO damage-resistant, industrial Knockout doors are designed to flex and knockout to minimize damage to the door panels and track when impacted. For busy loading docks, TKO Knockout doors are a long-term, lower cost solution than frequently replacing damaged dock doors.

WW Series WelterWeight Impactable KnockOut Door

The most versatile and cost-effective impactable door for facilities with:

- Moderate panel damage
- Moderate to severe track damage
- Budget sensitivity
- Higher windload requirements



CONSTRUCTION



- Full height 12 gauge galvanized steel track.
- 2" thick insulated, closed cell foam core panel with damage resistant polymer interior facing.
- Heavy-duty, retractable plungers allow door to release from the opening upon impact.
- Tight perimeter weatherseal incorporates a side brush seal and compression bulb seal to eliminate air infiltration and light gaps. Both are attached to the panel versus the door jamb, keeping it out of harms way to provide a consistent seal.
- One year material and workmanship warranty.

OPTIONS



Impact-A-Track™
Provides total protection against the most abusive impacts, available in 3', 6' or full height. (5 year impact warranty)



Super Bottom Panel
Adds strength and durability where most impacts occur. (2 year performance warranty)



Clear Vision Panel
21" high, 1-3/4" thick Clear Vision Panel that runs the full width of the door and provides full visibility outside the facility.

CW Series CruiserWeight Insulated and Non-Insulated Impactable KnockOut Doors

The industry's most rugged door, providing total knockout protection for facilities with:

- Moderate to severe panel damage
- Moderate to severe track damage
- Higher wind load requirements



CONSTRUCTION



- Full height 12 gauge galvanized steel track standard.
- 1-3/4" thick insulated, foam core panel with damage resistant polymer interior panel skin or 3/4" thick non-insulated 7-ply wood core panel durable enough to handle heavy impacts.
- Heavy-duty, retractable plungers allow door to release from the opening upon impact.
- Tight perimeter weatherseal eliminates air infiltration and light gaps. Seals are attached to the panel versus the door jamb, keeping them out of harms way to provide a consistent seal.
- One year material and workmanship warranty.

OPTIONS



Impact-A-Track™
Provides total protection against the most abusive impacts, available in 3', 6' or full height. (5 year impact warranty)



PowerHouse™ Panel
Polycarbonate interior facing provides superior protection against severe impacts. (2 year impact warranty)



Single Pane or Thermal Pane Rectangular Window
Provides visibility outside the facility.

TW Series ThermalWeight Impactable Insulated Door

Specifically designed for perishable and cold storage facilities with:

- Moderate panel damage
- Moderate to severe track damage
- Higher R-value requirements
- Higher windload requirements



CONSTRUCTION



4" Thick Moisture Resistant Panel

Closed-cell foam core provides R-23 rated damage resistant fiberglass interior facing for consistent temperature control.

- Full height Impact-A-Track™ provides total protection against the most abusive impacts from top to bottom.
- 4" thick insulated, foam core panel with damage resistant polymer interior facing.
- Heavy-duty, retractable plungers allow door to release from the opening upon impact.
- Tight perimeter weatherseal incorporates a side dual compression bulb seal to prevent energy loss. Seal is attached to the panel versus the door jamb, keeping it out of harms way to provide a consistent seal.
- The unique double compression side and bottom seals provide an energy efficient seal that separates cold interior temperatures from the ambient exterior temperatures that are common with refrigerated facilities.
- 5 year Impact-A-Track™ warranty.
- One year material and workmanship warranty.

OPTIONS



Thermal Pane Rectangular Window

Provides visibility outside the cold storage facility for cold storage environments.



Super Bottom Panel

Adds strength and durability where most impacts occur. (2 year performance warranty)



E-Lift CounterWeight

Adjustable system eliminates the need for counterbalance springs.

VC Series VertiCool Cold Storage Door

Specifically designed for Vertical Storing Levelers:

- Higher R-value requirements
- Higher windload requirements



CONSTRUCTION



4" Thick Moisture Resistant Panel

Closed-cell foam core provides R-23 rated powder coated aluminum interior skin for consistent temperature control.

- 4" thick closed cell XEPS foam panel provides R-23 for superior thermal protection.
- 48" high panels reduce the number of panel joints by 50% in comparison to industry-standard 24".
- Dual compression side bulb seals are mounted to door panel and removed from impact zone when door is open, preventing seals from sustaining damage.
- Patent-pending, heavy-duty, full opening height polymer thermal break track with 12 gauge galvanized steel guides.
- Polymer track wrapped with energy reflective foil fabric.
- Durable powder coated aluminum panel interior skin is easy to clean and long-lasting powder coated aluminum.
- UV stabilized exterior painted aluminum skin.
- Dual overlapping header seal.
- Dual compression loop bottom seals.
- Unique heavy-duty fixed plunger reduces door maintenance.

OPTIONS



Thermal Pane Rectangular Window

Provides visibility outside the cold storage facility for cold storage environments.



E-Lift CounterWeight

Adjustable system eliminates the need for counterbalance springs.



Motor Operator

Built with convenience in mind, operators include a floor level chain hoist to ease manual operation in an emergency or power outage.

TKO Wind Load Package

Sectional Knockout Door

Available on all doors

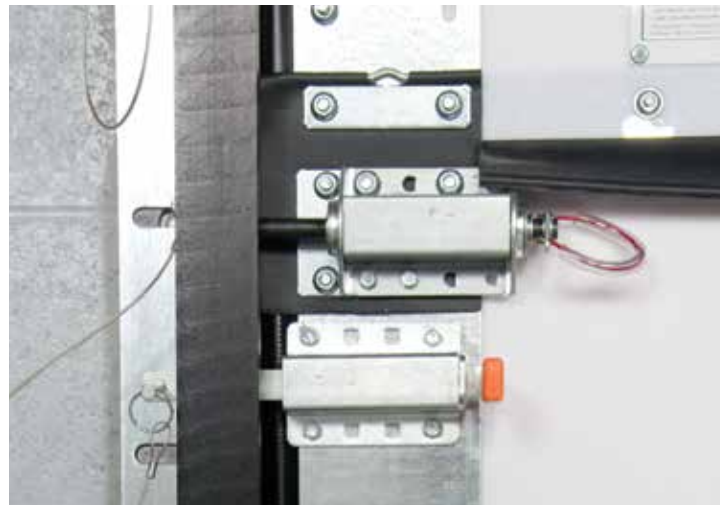
The industry's most rugged door, providing total knockout protection for facilities with:

- Moderate to severe panel damage
- Moderate to severe track damage
- Hurricane susceptible locations



CONSTRUCTION

- Heavy-duty polymer interior skins.
- Full Height 12 gauge galvanized steel track or full height reinforced Impact A Track that provides protection against the most abusive impacts from top to bottom.
- Heavy-duty plungers reduce door maintenance.
- Slide locks with lockout pins, attached to the track, secure the door during high-wind events.
- Available on all TKO door models except Non-insulated Cruiserweight door.



TKO KnockOut Door Comparison	Moderate Damage	Severe Damage	Cold Storage
TKO WW Series	X		X
TKO CW Series Insulated		X	X
TKO CW Series Non-Insulated		X	
TKO TW Series	X		X
TKO VC Series			X



Recommended Options by Application	Model	Optional Panels	Track Option	Additional Recommended Options
Cold Distribution	WW Series	Super Bottom Panel	3' Impact-A-Track™	Thermal Pane Window
	VC Series			Motorized operator
Dry Distribution	WW Series	Super Bottom Panel	3' Impact-A-Track™	Single Pane Window
	CW Series Non-Insulated	Side Brush	3' Impact-A-Track™	Single Pane Window
Food Processing	CW Series	Thermal Package	Full height Impact-A-Track™ Double Knockout Header or Full Double Knockout (interior application only)	Stainless steel panel hardware Galvanized torsion springs or Powder coated counterweights
	TW Series	2 Super Bottom Panels	Double Knockout Header or Full Double Knockout (interior application only)	Stainless steel panel hardware Galvanized torsion springs or Powder coated counterweights
Heavy Industry	CW Series	PowerHouse Panels (full door)	6' Impact-A-Track™ or Full height Impact-A-Track	Clear vision Panel
Heavy Distribution	CW Series Non-Insulated		6' Impact-A-Track™ or Full height Impact-A-Track Double Knockout Header	



OPTIONS AND ACCESSORIES

Double Knockout Header

Allows the door to knock out in both directions at the top of the door opening.
(vertical lift track only)



Bottom Brush Seal

In addition to bottom loop seal for maximum perimeter seal.



Impact-A-Track™

Provides total protection against the most abusive impacts.
Available in 3', 6' or full height.



Motor Operator

Built with convenience in mind, operators include a floor level chain hoist to ease manual operation in an emergency or power outage.



Super Bottom Panel

Adds strength and durability where most impacts occur.



Clear Vision Panel

21" high, 1 3/4" thick clear vision panel that runs the full width of the door and provides full visibility outside the facility.



Dual Side Seal

Brush seal and loop seal eliminate air infiltration and light gaps.



E-Lift CounterWeight

Adjustable system eliminates the need for counterbalance springs.



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