hardy Lighting

PRODUCT RANGE · 2026



AVIATION SAFETY LIGHTING

Engineered for the toughest skies.

Helipad, helideck, obstruction and wind-indication lighting — independently photometric-tested, certified to ICAO Annex 14 and CAP 437, and built for marine and desert environments.

- ICAO ANNEX 14
- CAP 437
- IP66
- 240 HRS SALT SPRAY
- 2 YEAR WARRANTY

ENGINEERED & ASSEMBLED IN THE UAE

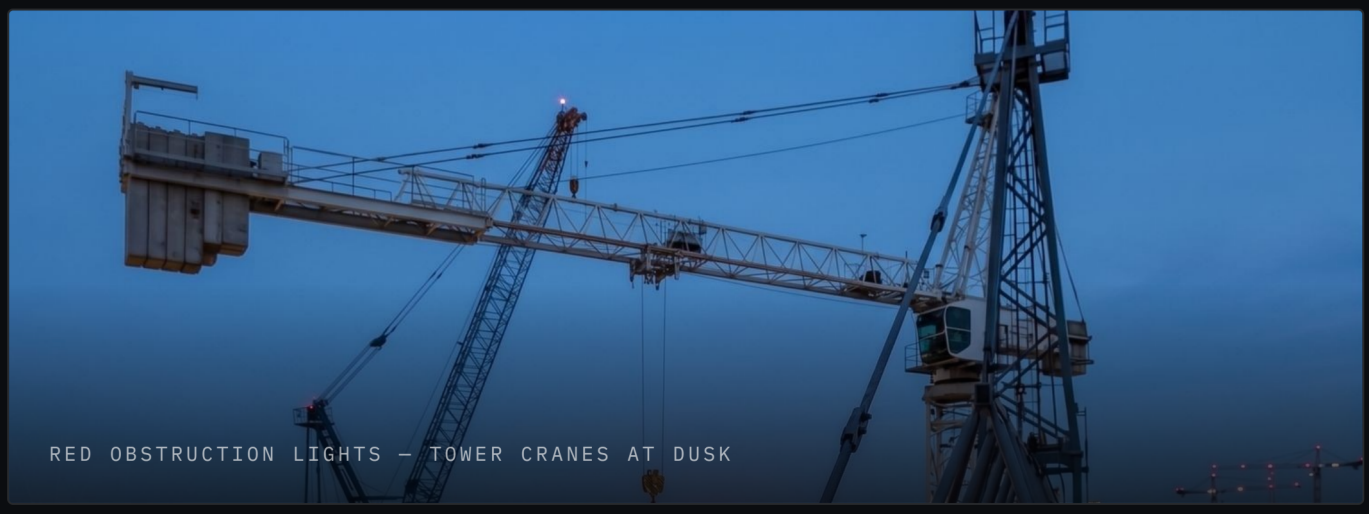
HARDYLIGHTING.COM

INTRODUCTION

When visibility is non-negotiable.

Every night flight, every offshore crew change, every approach to a rooftop hospital helipad depends on one thing: the lights below working exactly as specified. There is no margin for a failed beacon, a dim perimeter ring or an invisible windsock.

Hardy Lighting exists for those moments. Our range is engineered and assembled in the UAE, tested by independent photometric institutions, and built from marine-grade materials to survive salt, sand, heat and time. From the green ring that defines a landing zone to the red beacon crowning a tower crane — every product carries the same promise.



RED OBSTRUCTION LIGHTS — TOWER CRANES AT DUSK

THE HARDY RANGE

Internally Lighted Windsock	Internal LED · 5700K
Unlighted Windsock — Safe Area WDI	360° rotatable
Red LED Obstruction Light	10, 32, 200 cd
White Obstruction Light	100 / 350 cd
Green Perimeter Light	32 cd

WHY HARDY

Engineered & assembled in the UAE.

Hardy Lighting was born from a simple observation: the Gulf's aviation infrastructure deserved lighting engineered for its own conditions — extreme heat, saline air, fine dust — and supplied from within the region. Every product is designed, assembled and tested in the United Arab Emirates.

01

Regional Engineering

Designed for Gulf conditions — high ambient temperature, saline atmospheres and fine airborne dust — with fast supply across the region and worldwide.

02

Independent Testing

Every product family is photometric-tested by an independent third-party institution. Output, colour and distribution are verified — not assumed.

03

Marine-Grade Build

Aluminium housings with UV-stable powder coating and SS316 stainless steel masts — proven through 240-hour neutral salt spray testing.

04

Certified Portfolio

ICAO Annex 14, CAP 437, ECAS, IP66 and RoHS across the range — documentation ready for project specification and handover.

05

2-Year Warranty

Every product ships with a two-year manufacturer warranty and 100,000+ hour design life on stainless windsock assemblies.

06

Stock & Support

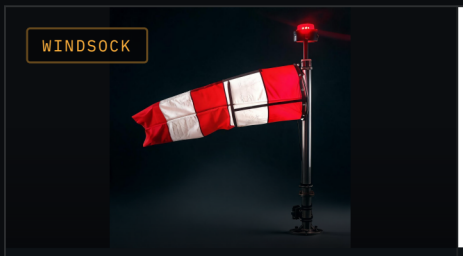
Core products held in stock and ready for dispatch, backed by engineering support for specification, compliance and installation queries.

One platform. Every landing zone.

From city-centre rooftops to offshore helidecks, Hardy products share one design language: certified, sealed, and built to be seen.

The range at a glance.

Seven products. One standard. Every product shares the same foundation: ICAO Annex 14 and CAP 437 compliance, IP66 sealing, independent photometric testing, marine-grade construction and a 2-year warranty.



Internally Lighted Windsock

Offshore · Onshore

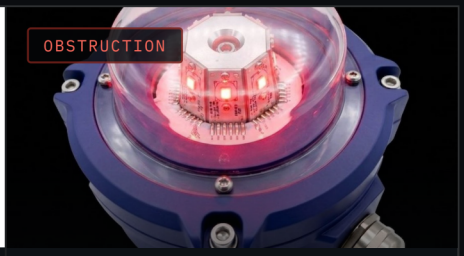
Illuminated wind-direction indication for 24-hour helideck operations.



Unlighted Windsock / Safe-Area WDI

SS316 · 360° rotatable

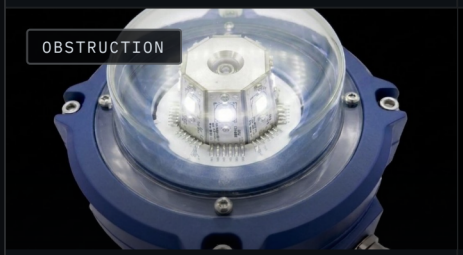
Full stainless safe-area indicator for daylight operations.



Red LED Obstruction Light

10/32/200 cd

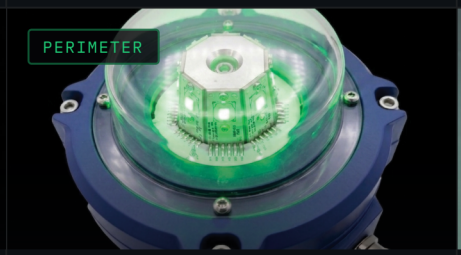
Low-, medium- and high-intensity red marking for tall structures.



White Obstruction Light

FATO 100 cd · Approach 350 cd

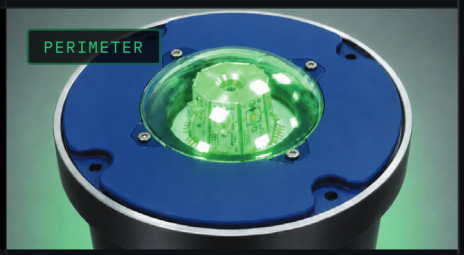
White marking for FATO perimeter and approach lighting.



Green Perimeter Light

32 cd green

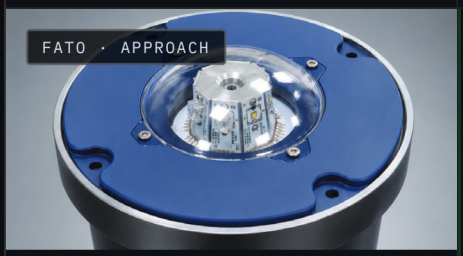
Touchdown and perimeter delineation for helidecks and pads.



TLOF Perimeter Light — Flush

Green · 9 W · flush mount

Low-profile TLOF boundary marking for helipads and helidecks.



FATO & Approach Light — Flush

White · 350 cd · flush mount

High-visibility FATO identification and approach guidance.

● UAE

Every product shares one spec

ICAO · CAP 437 · ECAS · IP66

240 hr salt spray

2-year warranty

Independent photometric testing.

Internally Lighted Windsock

Internally lighted windsock assembly — SS316 mast, rotating frame and obstruction beacon.

Accurate wind direction and approximate speed indication for night operations and reduced visibility. The internal LED source at 5700K cool white evenly illuminates the sock fabric, keeping colour markings clearly readable from the cockpit at any approach angle — without dazzling the pilot.



INTERNALLY LIGHTED WINDSOCK



OFFSHORE HELIDECK — NIGHT OPERATIONS APPLICATION

An internally illuminated wind-direction indicator that keeps wind data legible through the night and in low visibility. The sealed LED illumination system lights the cone evenly for clear directional reference during helideck and heliport operations, while the corrosion-resistant frame and fittings are built for continuous offshore and coastal duty.

- Even internal illumination for night-time legibility
- Corrosion-resistant frame for offshore & coastal service
- Free-rotating assembly for accurate wind indication
- Long-life LED platform – low maintenance over service life

ICAO Annex 14 · CAP 437 · ECAS · IP66 · Independent photometry

TYPE	Internally lit WDI
STANDARDS	ICAO · CAP 437 · ECAS
INGRESS	IP66
SALT SPRAY	240 hrs
LIFESPAN	100,000+ hrs
APPLICATIONS	Helipad · Offshore · Onshore
WARRANTY	2 years
ORIGIN	Assembled in UAE

Unlighted Windsock — Safe Area WDI

Wind directional indicator — full SS316 stainless steel mast, frame and hoop construction.

Manufactured entirely from SS316 stainless steel — mast, frame, hoop and all hardware — for outstanding corrosion resistance with no painted surfaces to degrade. The 360° freely rotating frame always aligns with the prevailing wind, giving accurate indication regardless of installation orientation.



UNLIGHTED WINDSOCK – SAFE AREA WDI



ONSHORE HELIPAD – DAYTIME OPERATION APPLICATION

A robust, fully stainless wind-direction indicator for helipad and onshore safe-area marking. The SS316 rotating frame and hoop spin freely through 360° while remaining non-tiltable for stable, accurate readings. Available in striped red/white or orange/white – and solid colours – across three standard cone sizes, with cloth supplied separately.

- Full SS316 construction
- 360° free rotation, non-tiltable
- Mast Ø65 x 2 mm; 300–6000 mm options
- DN65 mounting flange, 4 x M16

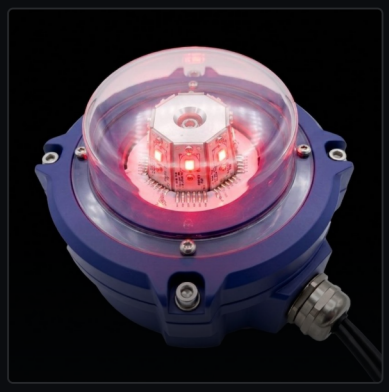
MODEL	HAR-WND-SS-SA
FRAME/HOOP	SS316, rotating
MAST	Ø65 x 2 mm · 300–6000 mm
FLANGE	DN65-4 x M16
CONE SIZES	Ø30x120 · Ø45x250 · Ø50x150 cm
COLOURS	Red/White · Orange/White · solid
INGRESS	IP66
ORIGIN	Assembled in UAE

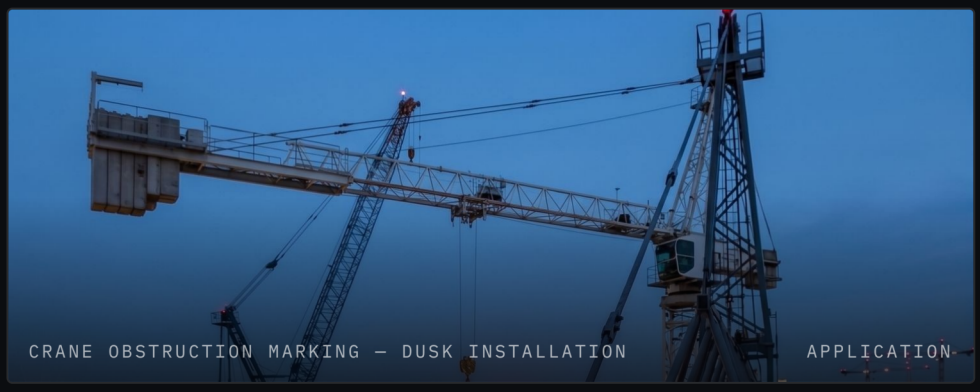
Red LED Obstruction Light

Aluminium housing, UV-stable powder coat, clear polycarbonate dome.

A low-intensity red luminaire that marks cranes, communication towers, high-rise buildings, wind turbines and other tall structures to ICAO Annex 14 and CAP 437. Continuous red marking alerts aircraft to vertical obstructions day and night, in all weather.

10 cd	32 cd	200 cd
LOW	STANDARD	HIGH





CRANE OBSTRUCTION MARKING – DUSK INSTALLATION

APPLICATION

A red LED obstruction light for night-time marking of cranes, masts, towers, rooftops and other tall structures. Selectable intensities of 10, 32 and 200 cd cover low-, medium- and high-intensity Type-A/B applications, with a precision optical design that keeps the beam focused, minimises ground scatter and limits light pollution. Built on a long-life, low-power LED platform for years of unattended service.

- Selectable 10 / 32 / 200 cd intensities
- Focused optics – minimal ground scatter
- Low power draw, long-life LED platform
- Stand-alone or multi-light system ready

ICAO Annex 14 · CAP 437 · ECAS · IP66 · RoHS

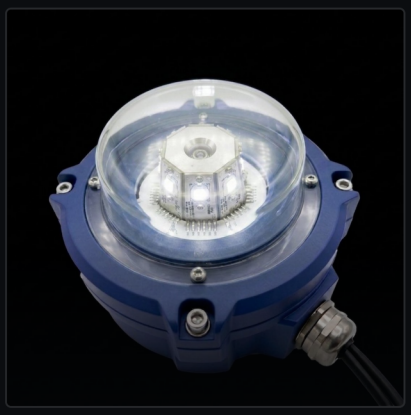
TYPE	10 / 32 / 200 cd (red)
STANDARDS	ICAO · CAP 437 · ECAS
COMPLIANCE	RoHS / ECAS
INGRESS	IP66
SALT SPRAY	240 hrs
CONSTRUCTION	Aluminium · powder-coat
WARRANTY	2 years
ORIGIN	Assembled in UAE

White Obstruction Light

Shared housing platform with the Hardy red and green range.

Two white variants form a complete lighting solution for helipad approach and landing areas. The FATO light defines the boundary of the Final Approach and Take-Off area; the Approach light provides high-intensity guidance that cuts through darkness from a greater distance.

100 cd	350 cd
FATO BOUNDARY	APPROACH GUIDANCE





FATO & PERIMETER LIGHTING — HELIPAD AT NIGHT APPLICATION

A white LED light engineered for Final Approach & Take-Off (FATO) perimeter marking and approach lighting. Two calibrated outputs – 100 cd for FATO perimeter and 350 cd for approach – give pilots clear, consistent reference at the touchdown area. Sealed, salt-spray-rated and built for offshore decks and elevated heliports.

- FATO perimeter output – 100 cd
- Approach output – 350 cd
- Consistent, glare-controlled white reference
- Offshore-grade sealing and finish

ICAO Annex 14 · CAP 437 · ECAS · IP66 · RoHS

FATO	100 cd (white)
APPROACH	350 cd (white)
STANDARDS	ICAO · CAP 437 · ECAS
COMPLIANCE	RoHS
INGRESS	IP66
SALT SPRAY	240 hrs
WARRANTY	2 years
ORIGIN	Assembled in UAE

Green Perimeter Light

The 32 cd ICAO-specified intensity for FATO and TLOF boundary marking.

The green ring is the primary visual reference pilots use in the final stages of approach — particularly in darkness and reduced visibility. The Hardy unit delivers the 32 cd green output ICAO Annex 14 and CAP 437 require for FATO and TLOF boundary marking, with photometric performance independently verified.





GREEN PERIMETER RING — ROOFTOP HELIPAD, DUBAI APPLICATION

A green LED perimeter light that defines the touchdown and liftoff area on helidecks and helipads. Delivering 32 cd of crisp green output, it gives pilots a clear, unambiguous boundary in low light and at night. Sealed to IP66, salt-spray-rated and RoHS-compliant, it completes the Hardy range alongside the red and white obstruction lights and the windsock family.

- 32 cd green perimeter output
- Clear touchdown / lift-off boundary delineation
- IP66-sealed, offshore-grade finish
- Integrates with the full Hardy signal chain

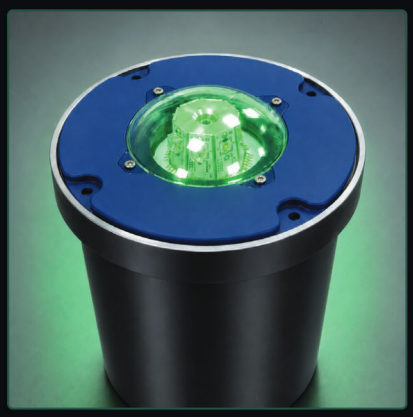
ICAO Annex 14 · CAP 437 · ECAS · IP66 · RoHS

FATO	32 cd (green)
STANDARDS	ICAO · CAP 437 · ECAS
COMPLIANCE	RoHS
INGRESS	IP66
SALT SPRAY	240 hrs
CONSTRUCTION	Aluminium · powder-coat
WARRANTY	2 years
ORIGIN	Assembled in UAE

TLOF Perimeter Light — Flush

Green LED perimeter light for TLOF boundary marking on helipads, helidecks and rooftops.

Defines the Touchdown and Lift-Off Area boundary with clear green illumination, giving pilots an unambiguous reference for approach, landing and take-off — in compliance with ICAO and CAP 437.





A low-profile, flush-mounted green LED light for TLOF perimeter marking. Designed for harsh outdoor conditions, it combines a compact, lightweight body for quick installation with a long-life driver matched to the LED life cycle. 9 W without IR, 12 W with IR.

- Microprocessor-controlled, with temperature and voltage sensors
- Maintenance-free over the full operational life
- Precision optics for uniform light distribution
- Optional infrared (IR) version · optional mounting base

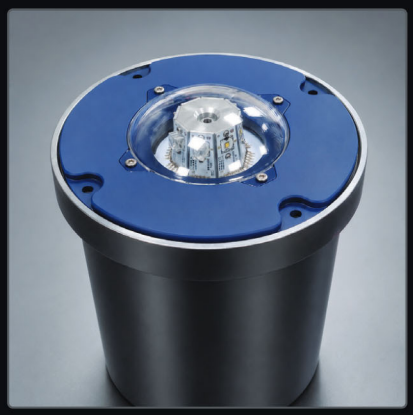
ICAO / CAP 437 · CE · RoHS · IP66 · Salt Spray · Photometric Test

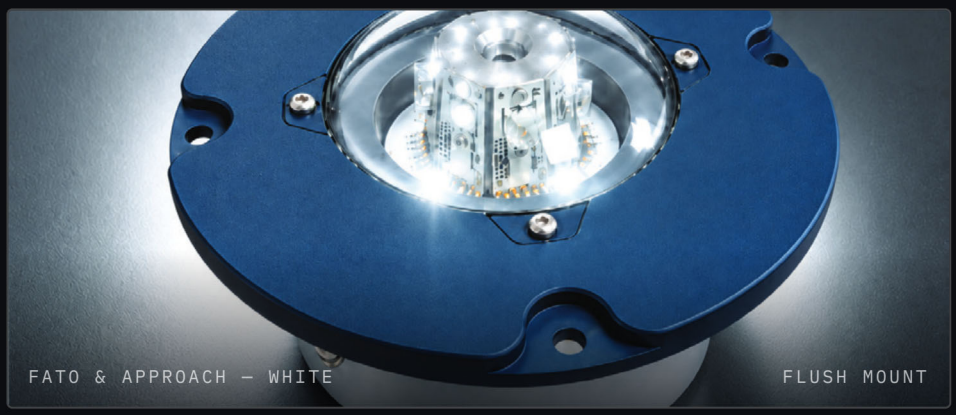
COLOUR	Green
POWER	9 W · 12 W with IR
STANDARDS	CAP 437 · ICAO Annex 14 · FAA L-810 Type B
INGRESS	IP66
SALT SPRAY	240 hrs
INPUT	AC 85–264 V · DC 10–26 V
AMBIENT	−25° to +60 °C
LIFE	100,000+ hours
ENCLOSURE	Marine-grade aluminium, powder-coated
MOUNTING	Rigid, 4 × M6
WEIGHT	2.20 kg
SIZE (LIGHT)	200 × 200 × 122 mm
ORIGIN	Engineered in Europe · Assembled in UAE

FATO & Approach Light — Flush

High-visibility white LED light for FATO identification and approach guidance.

Provides high-visibility white illumination to identify the Final Approach and Take-Off Area and guide helicopter pilots during approach and landing — engineered for helipads and helidecks in accordance with ICAO requirements.





A flush-mounted white LED light delivering 350 cd for FATO and approach guidance. Built for harsh outdoor conditions with a compact, lightweight body for quick installation and a high-efficiency driver that stays stable across the voltage range. 16 W without IR, 20 W with IR.

- Microprocessor-controlled, with temperature and voltage sensors
- Maintenance-free over the full operational life
- Precision optics for uniform light distribution
- Optional infrared (IR) version · optional mounting base

• ICAO • CE • RoHS • IP66 • Salt Spray • Photometric Test

INTENSITY	350 cd (white)
POWER	16 W · 20 W with IR
STANDARDS	CAP 437 · ICAO Annex 14 · FAA L-810 Type B
INGRESS	IP66
SALT SPRAY	240 hrs
INPUT	AC 85–264 V · DC 10–26 V
AMBIENT	–25° to +60 °C
LIFE	100,000+ hours
ENCLOSURE	Marine-grade aluminium, powder-coated
MOUNTING	Rigid, 4 × M6
WEIGHT	2.20 kg
SIZE (LIGHT)	200 × 200 × 122 mm
ORIGIN	Engineered in Europe · Assembled in UAE

APPLICATIONS & COMPLIANCE

Built for every landing zone.

ICAO Annex 14 Aerodrome design & operations standard governing obstruction and heliport lighting worldwide.	**CAP 437** UK CAA standard for offshore helicopter landing areas — the global offshore benchmark.	**ECAS** Emirates Conformity Assessment Scheme certification for the UAE market.
IP66 Dust-tight and protected against powerful water jets per IEC 60529.	**Salt Spray 240 hrs** Neutral salt spray endurance per ASTM B117 / ISO 9227 — proven marine-grade finishes.	**RoHS** Hazardous substance compliance per EU Directive 2011/65/EU on obstruction and perimeter lights.

- **Independently verified.** Hardy products are photometric-tested by an independent third-party institution — output, colour and distribution are certified before any unit ships, with test documentation available for project specification files.

WHERE HARDY WORKS

OFFSHORE

Helidecks & FPSOs

Perimeter rings, floodlighting and lighted windsocks engineered for saline atmospheres and continuous offshore duty.

ONSHORE

Heliports & Airfields

FATO and TLOF boundary lighting, approach guidance and wind indication for ground-level and elevated heliports.

VERTICAL

Cranes, Towers & High-Rise

Red obstruction marking in three intensities for construction cranes, telecom towers, chimneys and wind turbines.

URBAN

Rooftop & Hospital Helipads

Complete packages for urban helipads — perimeter, FATO, approach and windsock — quiet on glare, certain on visibility.

SPECIFYING HARDY

Why engineers write Hardy into the spec.

01

Compliance, documented

ICAO, CAP 437, ECAS, IP66 and RoHS certification with independent photometric test reports for your project file.

02

One design language

Shared housings, finishes and mounting across the range — a consistent installation on every pad.

03

Regional lead times

Designed & Engineered in Europe and assembled in the UAE, with core products in stock and ready for dispatch.

04

Built for the Gulf

Marine-grade aluminium, SS316 stainless and 240-hour salt-spray-proven finishes for heat, salt and dust.

05

Engineering support

Specification, layout and compliance guidance from a team that works on helidecks and heliports daily.

06

2-year warranty

Manufacturer-backed warranty across the range, with long-life LED sources and 100,000+ hour assemblies.

EXCLUSIVE GLOBAL DISTRIBUTOR — HARDY LIGHTING

Daly Middle East DWC LLC

Tell us about your heliport, helideck, tower or perimeter, and our team will help you specify the right Hardy products — compliant, tested and ready to ship.

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