

Dock Stairs Launch!



Speakers



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Marketing Specialist



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Sales Engineer & Product Development



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Background Information



Why Dock Stairs?

- Expanding our safe access range to docks
- One partner for rooftops, access points, and dock areas
- Simplifies specs, POs, and vendor management
- Builds safer, more complete, healthy buildings

Dock Stairs Reveal





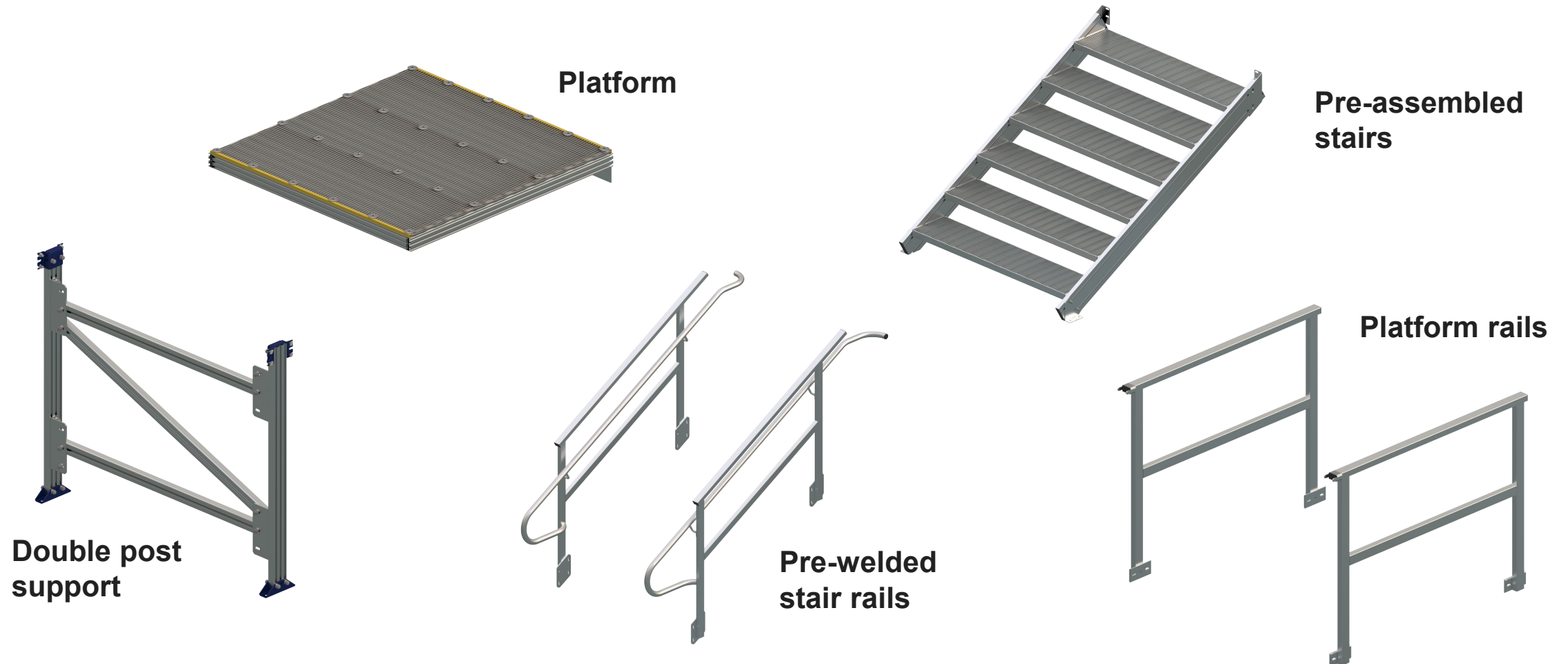
KDS05.48
DOCK STAIRS

System Overview



5 Pre-Assembled Parts

Pre-welded railing and pre-assembled stairs join together in the field with T-bolts, eliminating the need to weld or drill in the field. T-bolt fastening method allows for a seamless, quick installation.



OSHA, ANSI, and IBC Compliant

The evaluation included assessment of the structural integrity as well as compliance with OSHA, ANSI, and IBC compliance standards. 3rd party testing documentation is available upon request.



OSHA 1910



ANSI A14.3



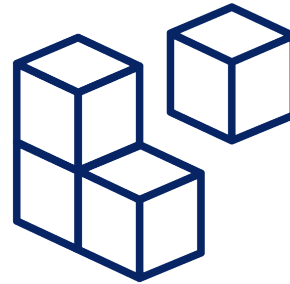
IBC Industrial

Manufacturing



Aluminum – Long Lifecycle

The corrosion resistance of aluminum means fewer repairs and replacements over time, making it a cost-effective choice in the long run.



Flexibility in the Field

Modular components and aluminum manufacturing allow for on-site adjustability



Made in the USA

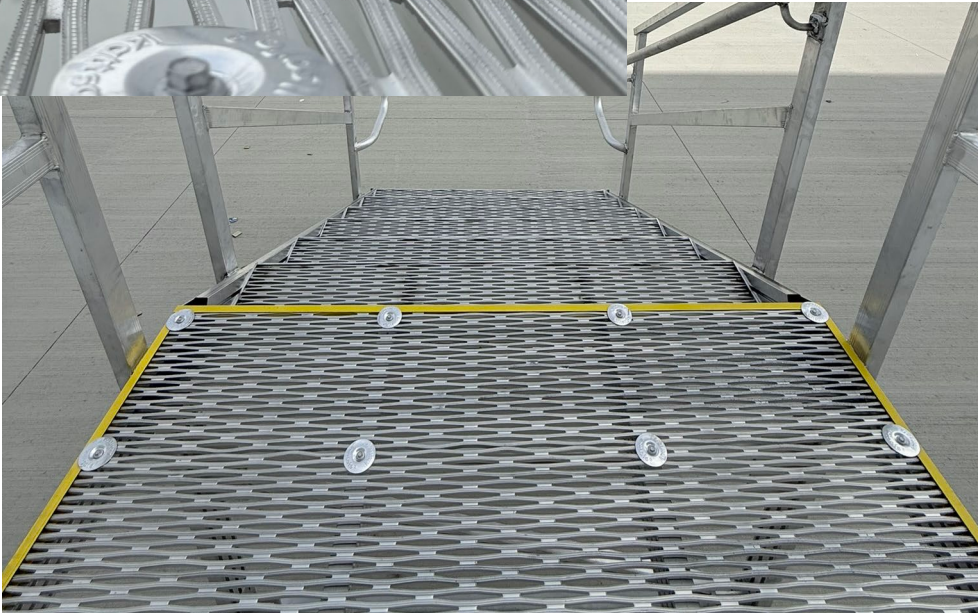
KDS05 Dock Stairs are manufactured and assembled in the United States, meeting the Buy American Act requirements.

Safe, High-Visibility Walking Surface



Slip-Resistant Mesh Grating

designed to maximize traction while allowing water, snow, and ice to drain through, minimizing surface buildup and slip risk.



High Visibility Strip

Featuring a high-contrast yellow edge strip for intuitive guidance and enhanced safety

More Benefits to Choosing Kattsafe Dock Stairs

- **Pre-engineered design**
- **1–2 week lead time**
- **Powder coating available**
- **No specialized equipment needed**
- **5-year warranty as standard**

Case Study Walkthrough



Case Study Overview

Project: 4 Dock Stairs

Install time: ~5 hours total for 4 dock stairs

Solutions: Kattcare™ Turnkey

Industry: Manufacturing, Warehousing,
Commercial

Phase: During construction





What are the Benefits of Kattcare Services?

Service Benefits

- Ensure compliance
- Instill confidence with correct installs
- Peace of mind
- Documentation and reports provided
- Ensure system lifespan

Expert Install in Action





Resources



Product Sheet

Kattsafe Height access
and fall protection

DOCK STAIRS

KDS05



PRODUCT OVERVIEW



OSHA, ANSI, & IBC
compliant



In stock &
ready to ship



No drilling



Modular
components



Aluminum
manufacturing



5 year
market leading
warranty



MADE IN
USA

Our Kattsafe Dock Stairs provide a robust, corrosion-resistant access solution ideal for loading docks, elevated work areas, and industrial sites where safety and durability are a must.

Constructed from high-strength aluminum, these stairs resist rust and wear from outdoor exposure, ensuring reliable, long-term performance in demanding environments.

The modular design allows for flatpack shipping, cutting down on freight costs compared to traditional steel stairs.

With a quick-install T-bolt fastening system and adjustable leg supports for on-site customization, setup is efficient and hassle-free.

Backed by an industry-leading 5-year warranty, our Dock Stairs offer a dependable, cost-effective choice for safe access in a variety of industrial and commercial applications.

Features

- OSHA, ANSI, and IBC compliant
- Flatpack shipping allows for easier handling and higher cost savings on freight - unlike steel options
- T-bolt fastening method allows for a seamless, quick installation
- Pre-welded railing and pre-assembled stairs join together in the field with T-bolts - eliminating the need to weld or drill in the field
- Modular components allow for on-site adjustability
- Made from high strength, corrosion-resistant aluminum
- Our market leading 5-year warranty outperforms typical 1-2 year steel warranties
- Made in the USA

TECHNICAL SPECIFICATION

Material and dimensions

- K-80 extrusion: aluminum 3-1/8 x 1-1/2in (80 x 38mm)
- K-180 extrusion: aluminum 7-1/8in x 1-1/4in (180 x 32mm)
- Platform and support extrusion: K-60, 60mm extrusion
- Top rail: 2in extruded 6000 series aluminum profiled tube. 0.75lbs/ft
- Mid rail: 1-5/8in extruded 6000 series aluminum profiled tube. 0.40lbs/ft
- Post: 2-3/4 x 1-1/2 x 1/8in extruded 6000 series rectangular tube. 2.70lbs
- Surface: aluminum walkway grating. 1/2in (13mm) thick mesh
- T-Bolt: 3/8in stainless steel
- Hardware: all stainless steel
- End caps: plastic caps

Finish

All aluminum sections are supplied mill finish as standard. Custom colors are available.

Inspection and Maintenance

Inspection required every 12 months or after any incident by a competent person in accordance with manufacturer's specifications.

Compliance

Kattsafe Dock Stairs are designed to comply with OSHA, ANSI, and IBC compliance.

Product warranty

5 years from date of installation, subject to correct installation use and maintenance in accordance with manufacturer's specifications and recommendations.

Install Manual

Kattsafe Height access
and fall protection

INSTALLATION MANUAL

DOCK STAIRS

KDS05.48



⚠ WARNING

Read this manual before installing, maintaining or allowing personnel to use the product. If it is necessary to deviate from the instructions in this manual, contact Kattsafe to ensure that it does not compromise the safety and integrity of the installation.

This manual contains important use and maintenance information. Leave this manual with the facility manager/owner.

Improper selection, installation, maintenance, or use of this product presents a risk of serious injury or death.

COMPONENTS & HARDWARE

Stair rail



KB1115.1400
Stairs



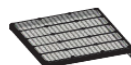
Platform rail



KB5215.1400
Double post support



KB3415.1600
Platform



KB026
Post feet support



KB021
Pocket brackets



FP1090
Stair mounting bracket



KB034
Adjustable stair feet



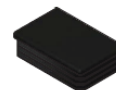
KB092.80
End cap



SDM8001
Concrete screw



LD439
End cap



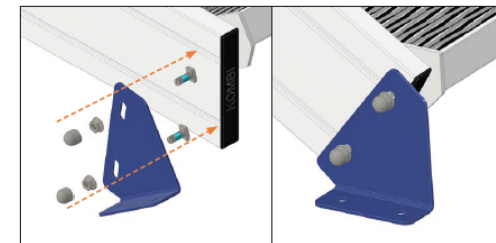
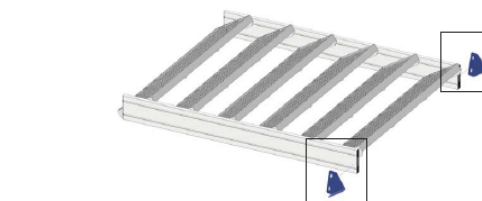
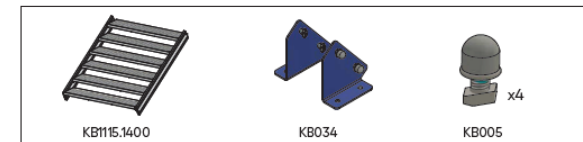
KB005
T-bolt



4 REV: 9/9/25

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8



8a

Next, mount the adjustable stair feet (KB034) to the bottom of the stairs (KB115.1400). Use a 15mm socket to secure the stair feet (KB034) with (2) T-bolts (KB005) per foot. Repeat on other side.
See Graphic A for the correct T-bolt fastening method.

Graphic A: T-bolt Fastening

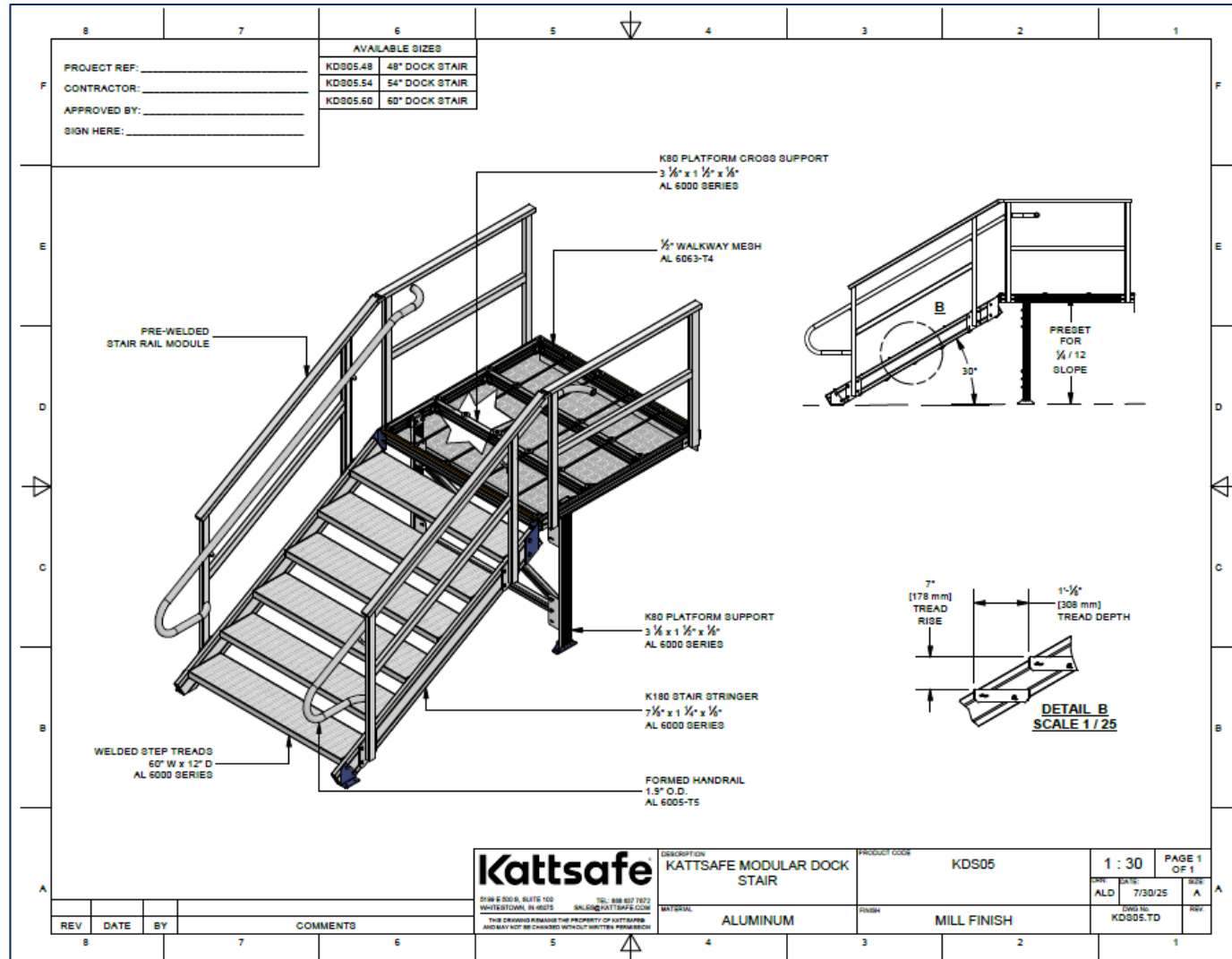
CORRECT



INCORRECT



Tech Drawing



Assessment Form

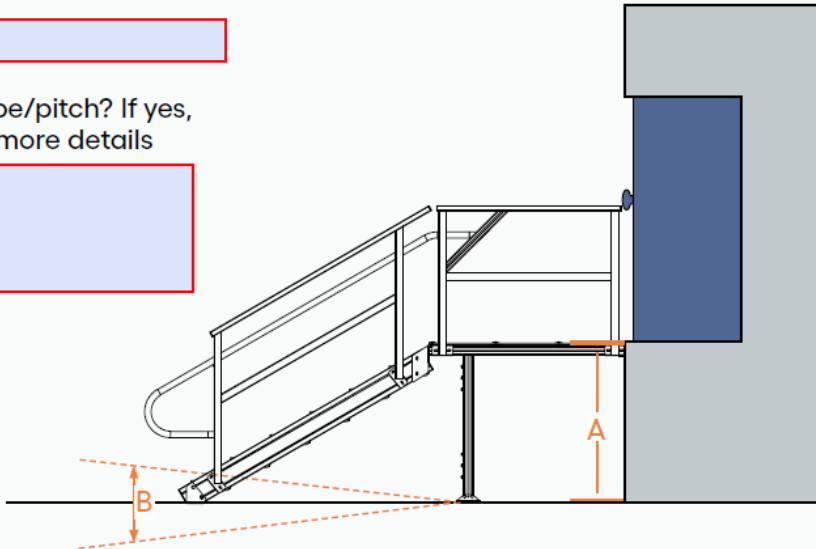
DOCK STAIRS ASSESSMENT FORM

Kattsafe®

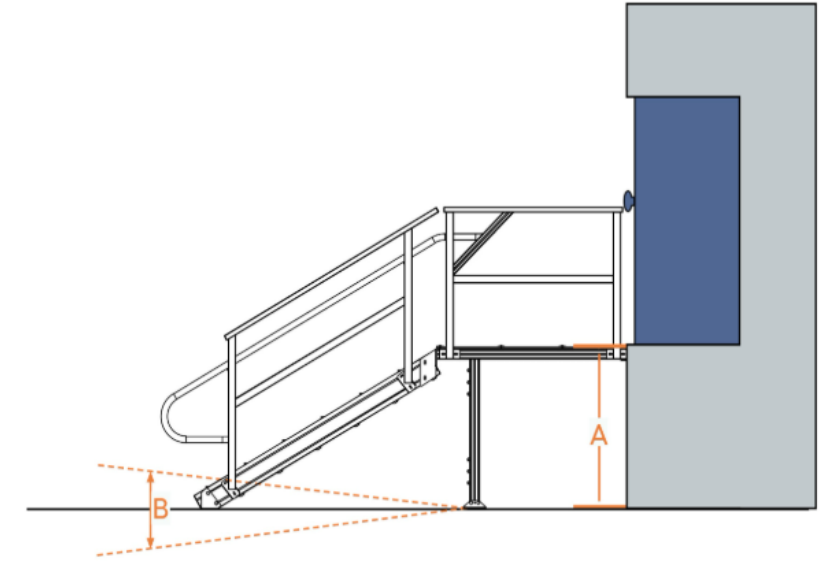
Contact Name: Site Name/Number: Site Address:
Date: Project Reference:

A: Height

B: Is there a slope/pitch? If yes,
please provide more details



RESET FORM



(A) Height *

measurement A

(B) Is there a slope/pitch? If yes, please
provide more details *

measurement B

File/Image Upload


Browse Files
Drag and drop files here

Please provide any relevant images or files

Submit

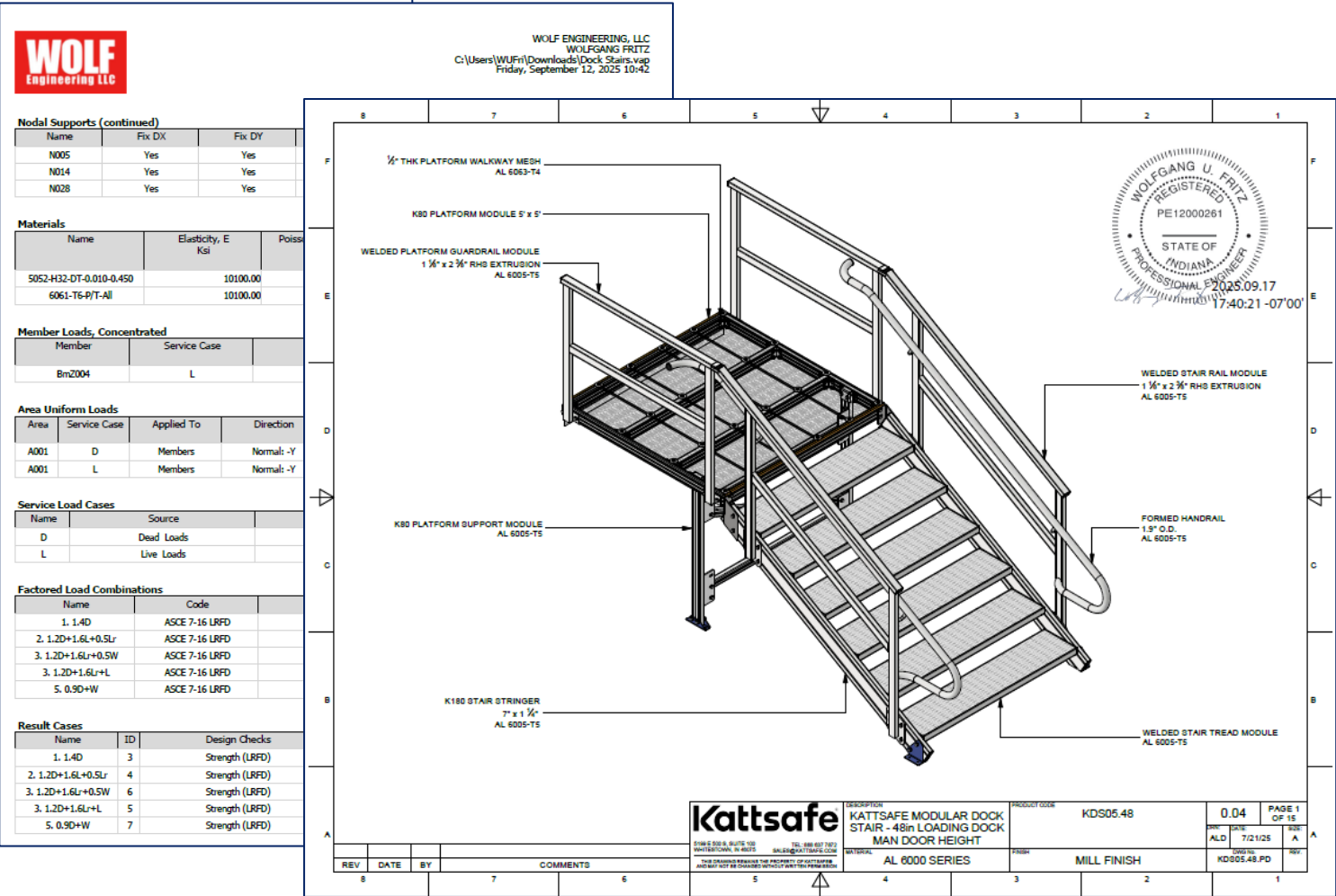
Testing Documentation



Memo Letter

To: Wyatt Lynes, CEO North America,
From: Wolfgang Fritz, Ph.D., P.E., President
Date: 9/17/2025
Re: Dock Stairs

Wolf Engineering has performed an evaluation of the dock stairs to be constructed in various locations around the facility. The evaluation included assessment of OSHA 1910, ANSI A14.3 and the IBC International Building Code. The dock stairs is manufactured of aluminum. The platform area load used was 60 psf in accordance with the IBC. The stairs are designed like guardrails in accordance with the IBC capacity of 200 lbs outward or downward surface. Each step of the stairs has a maximum capacity of 200 lbs. Additionally, the maximum stair riser height is 10 1/4 inches. Therefore, the stairs comply with the IBC 1011.5.2. Structurally, the steps are manufactured of aluminum. The stairs are around the corners for structural stability. The component on the dock stairs is under 10 feet. The detailed structural analysis of the dock stairs is in the appendix. In summary, the dock stairs are structurally capable of withstanding the required loads.



BIM/Revit Library

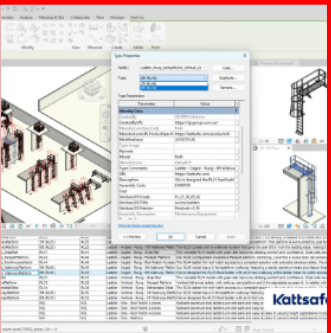
Home

SPECIFIER RESOURCE HUB

Resources for the simple specification of Kattsafe products in your height safety plan on new or existing buildings.

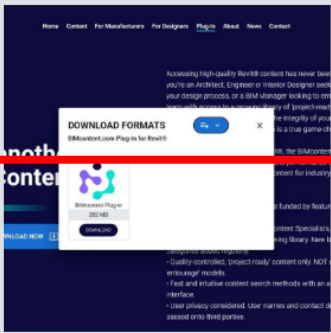
Specifier resources

Industry resources for the specification of Kattsafe products into a height safety plan on new or existing buildings.



BIM Library

Developed 100% natively in Revit and aligned with industry best practices, Kattsafe USA's Revit library covers the full range of height access and fall protection products. Download as individual Revit families, as 'Collections', or as an all-in-one Virtual Showroom.



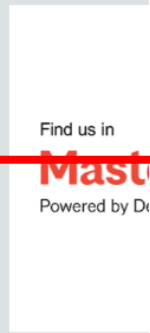
Download the Free Revit Plug-in

The free **BIMcontent.com** Revit® Plug-in gives you instant access to our full library of Revit families – without leaving your model.



Arcat

Navigate to our Arcat page to download our 3-part specs, BIM, CAD, and more.



Masterspec

Access our 3-part Masterspec page.

Home > Specifiers

BIM CONTENT

Back



 **DOWNLOAD** 





Dock Stair KattsafeUSA

Our Kattsafe Dock Stairs are OSHA and IBC compliant while providing a robust, corrosion-resistant access solution ideal for loading docks, elevated work areas, and industrial sites where safety and durability are a must. This configuration is 48in in height, 5ft width

 **Advanced Materials**

 **Created By IGS BIM Solutions**

 **Bulk Download Options**

CreatedBy

IGS BIM Solutions

Manufacturer

Kattsafe®

Model

KDS05.48, KDS05.54, KD...

ModifiedIssue

20250703.00

Types

3



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DOCK STAIRS



Dock stairs are a critical component for ensuring safe, efficient access in industrial and commercial environments. Whether at loading docks, elevated work areas, or other sites with varying heights, dock stairs provide a reliable solution for workers to move between levels without compromising safety. Beyond access, they help businesses maintain compliance with safety regulations, reduce workplace incidents, and promote operational efficiency. The right dock stairs not only enhance safety but also improve productivity by streamlining access for employees and equipment.

Project

Dock Stairs

Solutions

[Modular Access Systems](#), [Kattcare Turnkey](#)

Industries

[Commercial](#), [Manufacturing](#) [Warehousing](#)

The challenges dock stairs solve

Traditional access solutions, such as ladders or makeshift steps, often fall short in meeting the needs of modern industrial sites. They may pose safety risks, require frequent maintenance, or lack durability in harsh environments. Kattsafe Dock Stairs address these challenges by offering a robust, corrosion-resistant design that withstands demanding conditions. The lightweight aluminum construction ensures rust-free performance, while the modular design and T-bolt fastening system make installation quick and customizable. These features solve common pain points such as high freight costs, lengthy installations, and inflexible designs, making them a cost-effective and practical solution for businesses.

Looking ahead

The successful launch and installation of our Kattsafe Dock Stairs highlight our commitment to delivering innovative, safe, and efficient access solutions for industrial and commercial applications. As we continue to refine and expand our product offerings, our focus remains on addressing customer needs with durable, compliant, and cost-effective designs. Looking ahead, we are excited to partner with more businesses to enhance safety and streamline operations, setting new standards in height access solutions.

[Request a Quote](#)

Kattsafe

Height access
and fall protection

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