

Autodesk® Accessibility Conformance Report

Revised Section 508 Edition

(Based on VPAT® Version 2.4Rev)

Name of Product/Version: Autodesk Robot Structural Analysis ® Professional 2024

Report Date: 22nd February 2023

Product Description: Software for structural analysis and design, dedicated mostly to analysis of buildings and industrial engineering structures.

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Notes:

Evaluation Methods Used: Testing is based on knowledge of general product functionality

Applicable Standards/Guidelines

This report covers the degree of conformance for the following accessibility standard/guidelines:

Standard/Guideline	Included In Report
Web Content Accessibility Guidelines 2.0	Level A (Yes) Level AA (Yes)

Standard/Guideline	Included In Report
	Level AAA (No)
Revised Section 508 standards published January 18, 2017 and corrected January 22, 2018	(Yes)

Terms

The terms used in the Conformance Level information are defined as follows:

- **Supports:** The functionality of the product has at least one method that meets the criterion without known defects or meets with equivalent facilitation.
- **Partially Supports:** Some functionality of the product does not meet the criterion.
- **Does Not Support:** The majority of product functionality does not meet the criterion.
- **Not Applicable:** The criterion is not relevant to the product.
- **Not Evaluated:** The product has not been evaluated against the criterion. This can be used only in WCAG 2.0 Level AAA.

WCAG 2.0 Report

Tables 1 and 2 also document conformance with Revised Section 508:

- Chapter 5 – 501.1 Scope, 504.2 Content Creation or Editing
- Chapter 6 – 602.3 Electronic Support Documentation

Note: When reporting on conformance with the WCAG 2.0 Success Criteria, they are scoped for full pages, complete processes, and accessibility-supported ways of using technology as documented in the [WCAG 2.0 Conformance Requirements](#).

Table 1: Success Criteria, Level A

Notes:

Criteria	Conformance Level	Remarks and Explanations
<p><u>1.1.1 Non-text Content</u> (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Web: Electronic Docs: Partially Supports Software: Does Not Support Authoring Tool:</p>	<p>Web: Electronic Docs: Some AKN and Help documents make use of audio and video content. Software: Authoring Tool: Application has graphical and table input.</p>
<p><u>1.2.1 Audio-only and Video-only (Prerecorded)</u> (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Web: Electronic Docs: Does Not Support Software: Not Applicable Authoring Tool:</p>	<p>Web: Electronic Docs: Some AKN and Help documents make use of audio and video content. Software: Application has no audio-only content and no prerecorded video content. Authoring Tool:</p>
<p><u>1.2.2 Captions (Prerecorded)</u> (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Web: Electronic Docs: Does Not Support Software: Not Applicable Authoring Tool:</p>	<p>Web: Electronic Docs: Some AKN and Help documents make use of audio and video content without captions. Software: Application has no audio-only content. Authoring Tool:</p>
<p><u>1.2.3 Audio Description or Media Alternative (Prerecorded)</u> (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Web: Electronic Docs: Does Not Support Software: Not Applicable Authoring Tool:</p>	<p>Web: Electronic Docs: Some AKN and Help documents make use of audio and video content without captions. Software: Application has no audio-only content. Authoring Tool:</p>
<p><u>1.3.1 Info and Relationships</u> (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) 	<p>Web: Electronic Docs: Does Not Support Software: Not Applicable Authoring Tool:</p>	<p>Web: Electronic Docs: Software: Authoring Tool:</p>

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> 602.3 (Support Docs) 		
<p>1.3.2 Meaningful Sequence (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	<p>Web: Electronic Docs: Does Not Support Software: Does Not Support Authoring Tool:</p>	<p>Web: Electronic Docs: Software: Authoring Tool:</p>
<p>1.3.3 Sensory Characteristics (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	<p>Web: Electronic Docs: Does Not Support Software: Does Not Support Authoring Tool:</p>	<p>Web: Electronic Docs: Software: Authoring Tool:</p>
<p>1.4.1 Use of Color (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	<p>Web: Electronic Docs: Does Not Support Software: Does Not Support Authoring Tool:</p>	<p>Web: Electronic Docs: Software: Authoring Tool:</p>
<p>1.4.2 Audio Control (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	<p>Web: Electronic Docs: Does Not Support Software: Does Not Support Authoring Tool:</p>	<p>Web: Electronic Docs: Software: Authoring Tool:</p>
<p>2.1.1 Keyboard (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	<p>Not Applicable Web: Electronic Docs: Software: Authoring Tool:</p>	<p>Web: Electronic Docs: Software: Authoring Tool:</p>

Criteria	Conformance Level	Remarks and Explanations
<p>2.1.2 No Keyboard Trap (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Not Applicable</p> <p>Web: Electronic Docs: Software: Authoring Tool:</p>	<p>Web: Electronic Docs: Software: Authoring Tool:</p>
<p>2.2.1 Timing Adjustable (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Not Applicable</p> <p>Web: Electronic Docs: Software: Authoring Tool:</p>	<p>Web: Electronic Docs: Software: Authoring Tool:</p>
<p>2.2.2 Pause, Stop, Hide (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Not Applicable</p> <p>Web: Electronic Docs: Software: Authoring Tool:</p>	<p>Web: Electronic Docs: Software: Authoring Tool:</p>
<p>2.3.1 Three Flashes or Below Threshold (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Not Applicable</p> <p>Web: Electronic Docs: Software: Authoring Tool:</p>	<p>Web: Electronic Docs: Software: Authoring Tool:</p>
<p>2.4.1 Bypass Blocks (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) – Does not apply to non-web software • 504.2 (Authoring Tool) • 602.3 (Support Docs) – Does not apply to non-web docs 	<p>Not Applicable</p> <p>Web: Electronic Docs: Authoring Tool:</p>	<p>Web: Electronic Docs: Authoring Tool:</p>
<p>2.4.2 Page Titled (Level A)</p> <p>Also applies to: Revised Section 508</p>	<p>Not Applicable</p> <p>Web: Electronic Docs:</p>	<p>Web: Electronic Docs: Software:</p>

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Software: Authoring Tool:	Authoring Tool:
2.4.3 Focus Order (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Not Applicable Web: Electronic Docs: Software: Authoring Tool:	Web: Electronic Docs: Software: Authoring Tool:
2.4.4 Link Purpose (In Context) (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Not Applicable Web: Electronic Docs: Software: Authoring Tool:	Web: Electronic Docs: Software: Authoring Tool:
3.1.1 Language of Page (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Not Applicable Web: Electronic Docs: Software: Authoring Tool:	Web: Electronic Docs: Software: Authoring Tool:
3.2.1 On Focus (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Not Applicable Web: Electronic Docs: Software: Authoring Tool:	Web: Electronic Docs: Software: Authoring Tool:
3.2.2 On Input (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Not Applicable Web: Electronic Docs: Software: Authoring Tool:	Web: Electronic Docs: Software: Authoring Tool:

Criteria	Conformance Level	Remarks and Explanations
<p>3.3.1 Error Identification (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Not Applicable</p> <p>Web: Electronic Docs: Software: Authoring Tool:</p>	<p>Web: Electronic Docs: Software: Authoring Tool:</p>
<p>3.3.2 Labels or Instructions (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Not Applicable</p> <p>Web: Electronic Docs: Software: Authoring Tool:</p>	<p>Web: Electronic Docs: Software: Authoring Tool:</p>
<p>4.1.1 Parsing (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Not Applicable</p> <p>Web: Electronic Docs: Software: Authoring Tool:</p>	<p>Web: Electronic Docs: Software: Authoring Tool:</p>
<p>4.1.2 Name, Role, Value (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Not Applicable</p> <p>Web: Electronic Docs: Software: Authoring Tool:</p>	<p>Web: Electronic Docs: Software: Authoring Tool:</p>

Table 2: Success Criteria, Level AA

Notes:

Criteria	Conformance Level	Remarks and Explanations
<p>1.2.4 Captions (Live) (Level AA)</p> <p>Also applies to:</p>	<p>Not Applicable</p> <p>Web:</p>	<p>Web: Electronic Docs:</p>

Criteria	Conformance Level	Remarks and Explanations
Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Electronic Docs: Software: Authoring Tool:	Software: Authoring Tool:
<u>1.2.5 Audio Description (Prerecorded)</u> (Level AA) Also applies to: Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Not Applicable Web: Electronic Docs: Software: Authoring Tool:	Web: Electronic Docs: Software: Authoring Tool:
<u>1.4.3 Contrast (Minimum)</u> (Level AA) Also applies to: Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Not Applicable Web: Electronic Docs: Software: Authoring Tool:	Web: Electronic Docs: Software: Authoring Tool:
<u>1.4.4 Resize text</u> (Level AA) Also applies to: Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Not Applicable Web: Electronic Docs: Software: Authoring Tool:	Web: Electronic Docs: Software: Authoring Tool:
<u>1.4.5 Images of Text</u> (Level AA) Also applies to: Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Not Applicable Web: Electronic Docs: Software: Authoring Tool:	Web: Electronic Docs: Software: Authoring Tool:
<u>2.4.5 Multiple Ways</u> (Level AA) Also applies to: Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) – Does not apply to non-web software • 504.2 (Authoring Tool) 	Not Applicable Web: Electronic Docs: Authoring Tool:	Web: Electronic Docs: Authoring Tool:

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> 602.3 (Support Docs) – Does not apply to non-web docs 		
<p>2.4.6 Headings and Labels (Level AA)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	<p>Not Applicable</p> <p>Web:</p> <p>Electronic Docs:</p> <p>Software:</p> <p>Authoring Tool:</p>	<p>Web:</p> <p>Electronic Docs:</p> <p>Software:</p> <p>Authoring Tool:</p>
<p>2.4.7 Focus Visible (Level AA)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	<p>Not Applicable</p> <p>Web:</p> <p>Electronic Docs:</p> <p>Software:</p> <p>Authoring Tool:</p>	<p>Web:</p> <p>Electronic Docs:</p> <p>Software:</p> <p>Authoring Tool:</p>
<p>3.1.2 Language of Parts (Level AA)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	<p>Not Applicable</p> <p>Web:</p> <p>Electronic Docs:</p> <p>Software:</p> <p>Authoring Tool:</p>	<p>Web:</p> <p>Electronic Docs:</p> <p>Software:</p> <p>Authoring Tool:</p>
<p>3.2.3 Consistent Navigation (Level AA)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) – Does not apply to non-web software 504.2 (Authoring Tool) 602.3 (Support Docs) – Does not apply to non-web docs 	<p>Not Applicable</p> <p>Web:</p> <p>Electronic Docs:</p> <p>Authoring Tool:</p>	<p>Web:</p> <p>Electronic Docs:</p> <p>Authoring Tool:</p>
<p>3.2.4 Consistent Identification (Level AA)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) – Does not apply to non-web software 504.2 (Authoring Tool) 602.3 (Support Docs) – Does not apply to non-web docs 	<p>Not Applicable</p> <p>Web:</p> <p>Electronic Docs:</p> <p>Authoring Tool:</p>	<p>Web:</p> <p>Electronic Docs:</p> <p>Authoring Tool:</p>

Criteria	Conformance Level	Remarks and Explanations
<u>3.3.3 Error Suggestion</u> (Level AA) Also applies to: Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Not Applicable Web: Electronic Docs: Software: Authoring Tool:	Web: Electronic Docs: Software: Authoring Tool:
<u>3.3.4 Error Prevention (Legal, Financial, Data)</u> (Level AA) Also applies to: Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Not Applicable Web: Electronic Docs: Software: Authoring Tool:	Web: Electronic Docs: Software: Authoring Tool:

Table 3: Success Criteria, Level AAA

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Revised Section 508 Report

Notes:

Chapter 3: Functional Performance Criteria (FPC)

Notes:

Criteria	Conformance Level	Remarks and Explanations
302.1 Without Vision	Does Not Support	Multiple functionalities of software require selection of elements from the graphical display to execute operations. Similarly, multiple results of analysis are only displayed graphically.
302.2 With Limited Vision	Partially Supports	User of software has some possibilities to

Criteria	Conformance Level	Remarks and Explanations
		adjust the display. Size of text and icons, particular colors of display can be changed. Microsoft Active Accessibility applications like Narrator and the Magnifier can be used to access particulars of the components of a form/dialog box.
302.3 Without Perception of Color	Partially Supports	Color is used extensively in graphical display, but almost all default colors can be customized to mitigate limited color perception.
302.4 Without Hearing	Supports	Application does not require hearing to operate the software.
302.5 With Limited Hearing	Supports	Application does not require hearing to operate the software.
302.6 Without Speech	Supports	Application does not require speech to operate the software.
302.7 With Limited Manipulation	Partially Supports	Application only requires manipulation capabilities sufficient to operate on the standard computer set (inc. mouse and keyboard). No other requirements are applicable.
302.8 With Limited Reach and Strength	Partially Supports	Application only requires manipulation capabilities sufficient to operate on the standard computer set (inc. mouse and keyboard). No other requirements are applicable.
302.9 With Limited Language, Cognitive, and Learning Abilities	Does Not Support	Application requires advanced cognitive understanding of geometric modeling and manufacturing techniques.

Chapter 4: [Hardware](#)

Notes: Autodesk Robot Structural Analysis® Professional 2023 is a software application, therefore entire 'Hardware' section is not applicable.

Chapter 5: [Software](#)

Notes:

Criteria	Conformance Level	Remarks and Explanations
501.1 Scope – Incorporation of WCAG 2.0 AA	See WCAG 2.x section	See information in WCAG 2.x section
502 Interoperability with Assistive Technology	Heading cell – no response required	Heading cell – no response required
502.2.1 User Control of Accessibility Features	Partially Supports	Some operations cannot be executed form keyboard by short cut only.
502.2.2 No Disruption of Accessibility Features	Supports	Microsoft Active Accessibility applications such as the Narrator, Magnifier and the Onscreen keyboard can be used to access of the components of a form/dialog box.
502.3 Accessibility Services	Heading cell – no response required	Heading cell – no response required
502.3.1 Object Information	Supports	Toolbars icons have a tooltip and can add a shortcut key.
502.3.2 Modification of Object Information	Supports	The Narrator can find identity, operation, state of toolbars, (context) menus, tabs, and dropdown menus.
502.3.3 Row, Column, and Headers	Supports	Tables are defined with headers, rows and columns.
502.3.4 Values	Supports	Values are well-defined with parameters.
502.3.5 Modification of Values	Supports	Value modifications are broadly supported.
502.3.6 Label Relationships	Supports	Toolbars icons have a tooltip and can add a shortcut key.
502.3.7 Hierarchical Relationships	Supports	Commands are categories in the drop-down menu. Context menu is object based.
502.3.8 Text	Supports	
502.3.9 Modification of Text	Supports	
502.3.10 List of Actions	Partially Supported	Actions are listed in Undo operations.
502.3.11 Actions on Objects	Partially Supported	Actions are listed in Undo operations.

Criteria	Conformance Level	Remarks and Explanations
502.3.12 Focus Cursor	Partially Supported	The focus on most of the dialog can be changed by clicking “Tab”. There may be some exceptions.
502.3.13 Modification of Focus Cursor	Does Not Support	
502.3.14 Event Notification	Does Not Support	
502.4 Platform Accessibility Features	Supports	Microsoft Active Accessibility applications such as the Narrator, Magnifier and the Onscreen keyboard can be used to access of the components of a form/dialog box.
<u>503 Applications</u>	Heading cell – no response required	Heading cell – no response required
503.2 User Preferences	Partially Supports	Software enables user’s configuration of UI and majority of default settings, but some particular minor features or options might be missing in customization.
503.3 Alternative User Interfaces	Does Not Support	
<i>503.4 User Controls for Captions and Audio Description</i>	Heading cell – no response required	Heading cell – no response required
503.4.1 Caption Controls	Not Applicable	
503.4.2 Audio Description Controls	Not Applicable	
<u>504 Authoring Tools</u>	Heading cell – no response required	Heading cell – no response required
504.2 Content Creation or Editing (if not authoring tool, enter “not applicable”)	See WCAG 2.x section	See information in WCAG 2.x section
504.2.1 Preservation of Information Provided for Accessibility in Format Conversion	Supports	
504.2.2 PDF Export	Supports	
504.3 Prompts	Supports	
504.4 Templates	Supports	

Chapter 6: [Support Documentation and Services](#)

Notes:

Criteria	Conformance Level	Remarks and Explanations
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Criteria	Conformance Level	Remarks and Explanations
601.1 Scope	Heading cell – no response required	Heading cell – no response required
<u>602 Support Documentation</u>	Heading cell – no response required	Heading cell – no response required
602.2 Accessibility and Compatibility Features	Supports	Support documentation is available online. Selected support documents are installed locally in user's computer after installation of software.
602.3 Electronic Support Documentation	See WCAG 2.x section	See information in WCAG 2.x section
602.4 Alternate Formats for Non-Electronic Support Documentation	Does Not Support	Majority of support documentation is available exclusively online.
<u>603 Support Services</u>	Heading cell – no response required	Heading cell – no response required
603.2 Information on Accessibility and Compatibility Features	Supports	This document is posted on website at http://www.autodesk.com . It can be found i.e. by searching for 'Section 508'.
603.3 Accommodation of Communication Needs	Supports	Application users, under condition of active subscription, have access to support services via webpage, e-mail, fax, or phone. Direct, in person support might be available through resellers.

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