

Autodesk® Accessibility Conformance Report

Revised Section 508 Edition

VPAT® Version 2.3 (Revised) – April 2019

Name of Product/Version: Autodesk Robot Structural Analysis ® Professional 2021

Product Description: 3D CAD software for structures and buildings simulation and analysis as well as steel and concrete design.

Report Date: March 25 2020

Contact information:

Notes:

Evaluation Methods Used: Testing is based on general product knowledge

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, at http://www.w3.org/TR/2008/REC-WCAG20-20081211/ | Level A (Yes) Level AA (Yes) Level AAA (No) |
| Revised Section 508 standards as published by the U.S. Access Board in the Federal Register on January 18, 2017 | (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:

- 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: Autodesk Robot Structural Analysis is not a Web-based application, only Simple Share, Guided Tutorial, Online help document are available through web.

| 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>Electronic Docs: Partially Supports Software: Does Not Support</p> | <p>Electronic Docs: Some AKN documents make use of audio and video content. Software: 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>Electronic Docs: Does Not Support Software: Not Applicable</p> | <p>Electronic Docs: Some AKN documents make use of audio and video content. Software: Application has no audio-only content and no prerecorded video content.</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>Electronic Docs: Does Not Support Software: Not Applicable</p> | <p>Electronic Docs: Some AKN documents make use of audio and video content without captions. Software: Application has no audio-only content.</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>Electronic Docs: Does Not Support Software: Not Applicable</p> | <p>Electronic Docs: Some AKN documents make use of audio and video content without captions. Software: Application has no audio-only content.</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) • 602.3 (Support Docs) | <p>Electronic Docs: Does Not Support Software: Does Not Support</p> | <p>Electronic Docs: Authoring Tool:</p> |

| Criteria | Conformance Level | Remarks and Explanations |
|--|---|---|
| <p><u>1.3.2 Meaningful Sequence</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>Electronic Docs: Does Not Support Software: Does Not Support</p> | <p>Electronic Docs: Authoring Tool:</p> |
| <p><u>1.3.3 Sensory Characteristics</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>Electronic Docs: Does Not Support Software: Does Not Support</p> | <p>Electronic Docs: Authoring Tool:</p> |
| <p><u>1.4.1 Use of Color</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>Electronic Docs: Does Not Support Software: Does Not Support</p> | <p>Electronic Docs: Authoring Tool:</p> |
| <p><u>1.4.2 Audio Control</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>Electronic Docs: Does Not Support Software: Does Not Support</p> | <p>Electronic Docs: Authoring Tool:</p> |
| <p><u>2.1.1 Keyboard</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>Not Applicable</p> | <p>Electronic Docs: Authoring Tool:</p> |
| <p><u>2.1.2 No Keyboard Trap</u> (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) | <p>Not Applicable</p> | <p>Electronic Docs: Authoring Tool:</p> |

| Criteria | Conformance Level | Remarks and Explanations |
|--|-------------------|-------------------------------------|
| <ul style="list-style-type: none"> 504.2 (Authoring Tool) 602.3 (Support Docs) | | |
| <p>2.2.1 Timing Adjustable (Level A)</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) | Not Applicable | Electronic Docs: Authoring Tool: |
| <p>2.2.2 Pause, Stop, Hide (Level A)</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) | Not Applicable | Electronic Docs: Authoring Tool: |
| <p>2.3.1 Three Flashes or Below Threshold (Level A)</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) | Not Applicable | Electronic Docs: Authoring Tool: |
| <p>2.4.1 Bypass Blocks (Level A)</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 | Not Applicable | Electronic Docs: Authoring Tool: |
| <p>2.4.2 Page Titled (Level A)</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) | Not Applicable | Electronic Docs: Authoring Tool: |
| <p>2.4.3 Focus Order (Level A)</p> <p>Also applies to:</p> | Not Applicable | Electronic Docs: Authoring Tool: |

| 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) | | |
| 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 | Electronic Docs: 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 | Electronic Docs: 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 | Electronic Docs: 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 | Electronic Docs: Authoring Tool: |
| 3.3.1 Error Identification (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 | Electronic Docs: Authoring Tool: |

| Criteria | Conformance Level | Remarks and Explanations |
|---|-------------------|-------------------------------------|
| <u>3.3.2 Labels or Instructions</u> (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 | Electronic Docs: Authoring Tool: |
| <u>4.1.1 Parsing</u> (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 | Electronic Docs: Authoring Tool: |
| <u>4.1.2 Name, Role, Value</u> (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 | Electronic Docs: Authoring Tool: |

Table 2: Success Criteria, Level AA

Notes:

| Criteria | Conformance Level | Remarks and Explanations |
|---|-------------------|--|
| <u>1.2.4 Captions (Live)</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: |
| <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) | Not Applicable | Web: Electronic Docs: Software: Authoring Tool: |

| Criteria | Conformance Level | Remarks and Explanations |
|---|-------------------|--|
| <ul style="list-style-type: none"> 504.2 (Authoring Tool) 602.3 (Support Docs) | | |
| <p>1.4.3 Contrast (Minimum) (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) | Not Applicable | Web: Electronic Docs: Software: Authoring Tool: |
| <p>1.4.4 Resize text (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) | Not Applicable | Web: Electronic Docs: Software: Authoring Tool: |
| <p>1.4.5 Images of Text (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) | Not Applicable | Web: Electronic Docs: Software: Authoring Tool: |
| <p>2.4.5 Multiple Ways (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 | Not Applicable | Web: Electronic Docs: Software: Authoring Tool: |
| <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) | Not Applicable | Web: Electronic Docs: Software: Authoring Tool: |
| <p>2.4.7 Focus Visible (Level AA)</p> <p>Also applies to:</p> | Not Applicable | Web: Electronic Docs: |

| 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) | | Software: Authoring Tool: |
| 3.1.2 Language of Parts (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: |
| 3.2.3 Consistent Navigation (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) • 602.3 (Support Docs) – Does not apply to non-web docs | Not Applicable | Web: Electronic Docs: Software: Authoring Tool: |
| 3.2.4 Consistent Identification (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) • 602.3 (Support Docs) – Does not apply to non-web docs | Not Applicable | Web: Electronic Docs: Software: Authoring Tool: |
| 3.3.3 Error Suggestion (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: |
| 3.3.4 Error Prevention (Legal, Financial, Data) (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: |

Table 3: Success Criteria, Level AAA

Notes: Table for Level AAA removed; product not evaluated for this level

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Notes:

Chapter 3: Functional Performance Criteria (FPC)

Notes:

| Criteria | Conformance Level | Remarks and Explanations |
|-----------------------------------|--------------------|--|
| 302.1 Without Vision | Does Not Support | Many functions require graphical selection of elements from the display to complete. Similarly, many results of computations are only displayed graphically. |
| 302.2 With Limited Vision | Supports | Size of text 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 displays, but almost all default colors can be customized to mitigate limited color perception. |
| 302.4 Without Hearing | Supports | Program does not require user hearing to operate the software. |
| 302.5 With Limited Hearing | Supports | Program does not require user hearing to operate the software. |

| Criteria | Conformance Level | Remarks and Explanations |
|--|-------------------|---|
| 302.6 Without Speech | Supports | Program does not require user speech to operate the software. |
| 302.7 With Limited Manipulation | Does Not Support | Many functions require graphical selection of elements from the display to complete. |
| 302.8 With Limited Reach and Strength | Does Not Support | Many functions require graphical selection of elements from the display to complete. |
| 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 Program is a software application, not applicable for hardware.

Chapter 5: Software

Notes:

| Criteria | Conformance Level | Remarks and Explanations |
|---|--------------------------------------|---|
| 501.1 Scope – Incorporation of WCAG 2.0 AA | See WCAG 2.0 section | See information in WCAG 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 commands cannot be executable form keyboard by short cut. |
| 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. |

| Criteria | Conformance Level | Remarks and Explanations |
|---|--------------------------------------|---|
| 502.3.4 Values | Supports | Values are well-defined with parameters. |
| 502.3.5 Modification of Values | Supports | Value modification are 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. |
| 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. |
| 503 Applications | Heading cell – no response required | Heading cell – no response required |
| 503.2 User Preferences | Supports | Program configure UI and display preferences. |
| 503.3 Alternative User Interfaces | Does Not Support | |
| 503.4 User Controls for Captions and Audio Description | 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 | |
| 504 Authoring Tools | 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 2.0 section | See information in WCAG section |
| 504.2.1 Preservation of Information Provided for Accessibility in Format Conversion | Supports | |
| 504.2.2 PDF Export | Supports | |

| Criteria | Conformance Level | Remarks and Explanations |
|-----------------|-------------------|--------------------------|
| 504.3 Prompts | Supports | |
| 504.4 Templates | supports | |

Chapter 6: Support Documentation and Services

Notes:

| Criteria | Conformance Level | Remarks and Explanations |
|--|--------------------------------------|---|
| 601.1 Scope | Heading cell – no response required | Heading cell – no response required |
| 602 Support Documentation | Heading cell – no response required | Heading cell – no response required |
| 602.2 Accessibility and Compatibility Features | Supports | Support documentation is available online. |
| 602.3 Electronic Support Documentation | See WCAG 2.0 section | See information in WCAG section |
| 602.4 Alternate Formats for Non-Electronic Support Documentation | Does Not Support | Support documentation is available online. |
| 603 Support Services | Heading cell – no response required | Heading cell – no response required |
| 603.2 Information on Accessibility and Compatibility Features | Supports | This document is posted on our website at http://www.autodesk.com . Search for “Section 508”. |
| 603.3 Accommodation of Communication Needs | Supports | Support services options are available via webpage, e-mail, fax, or phone. Direct, in person support is also available through resellers. |

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