Technical Specifications V1.22

Last Updated: July 20th, 2023

Browser & Hardware Requirements

Browser versions tested and supported

Browser	Version
Chrome	Latest 5 major versions

Firefox	Latest 5 major versions
Safari	Latest 5 major versions
Edge	Latest 5 major versions

Mobile smartphones

OS	Browser Versions - latest 5 major versions
Android last 4 versions	Chrome , Firefox , Native browser
	It is recommended the smartphone to have at least 4GB of RAM
iOS last 4 versions	Chrome, Safari
Mobile devices are able to open and use functionality of the public / shared viewers of the Product, shared Product grid and shared Spaces.	

Mobile tablets

OS	Browser Versions - latest 5 major versions
Android last 4 versions	Chrome, Firefox, Native browser
	It is recommended the mobile device to have at least 4GB of RAM
iOS last 4 versions	Chrome, Safari
In general the full functionality should be available.	

Hardware minimum requirements

Processor	Intel i3 6300
RAM	8 GB
Storage	As required by the OS, data is in the cloud platform
OS	Windows , Mac OS
Graphics Card	Intel HD Graphics 530 integrated GPU

DAM+

3D

Supported File Types	. *.fbx v6200+ (with applied zlib compression also), *.glb v2.0, *.gltf v2.0 binary

Authoring tools tested / fully supported	Clo, VStitcher, Optitex, Accumark, Romans CAD, Modo, Blender, Rhino, Maya, Cinema 4D, Modaris
Maximum File Sizes	Upload file size limit is 200MB.
2D Texture specs	File Types:png, jpg, jpeg, bmp, tif, tiff, hdr, webp, psd, ktx2 Max File Size: 55MB
Optimization / Processing	Models are optimized via the server by applying Draco compression, version 1.5 is supported Textures are optimized via the server as files with resolutions 4k and 8k are resized to 2k or smaller and equal to a power of two.

2D

Colors

Metadata	Title	Required
	Name	Yes
	Color Code	No
	Hex	Yes
	Color schema	RGB, Float, HSL, CMYK

Supported uploadable file types

File Types	.ase
Notable specs	This is a library of colors file format, supported for import into the color library of the cloud platform. No more than 50 colors per file!

Materials

Supported uploadable file types

File Types	.u3m PBR materials, .xtex
Notable specs	Multiple materials in a u3m file supported, zip with multiple u3m files are also supported

Prints & Graphics

Supported File Types	.png, .jpg, .jpeg, .hdr, .bmp, .tif, .webp, .psd
Maximum File Size	55MB

Notable specs	

Asset types associated with Products and Spaces

Asset Types	**General files** Archive files (.ZIP, .RAR, tar, gzip) Audio formats (MP3, MPEG, WAV, .ogg, .opus) Image files (.JPEG, .PNG, .GIF, .BMP, .TIFF, .SVG. .BMP, .WEBP) Text files (.TXT) Video files (WebM, .MPEG4, .3GPP, .MOV, .AVI, .MPEGPS, .WMV, .FLV, .ogg) **Design software files** Autodesk AutoCad (.DXF) Illustrator (.AI) Photoshop (.PSD) Portable Document Format (.PDF) PostScript (.EPS, .PS) Scalable Vector Graphics (.SVG) Tagged Image File Format (.TIFF) TrueType (.TTF) **3D software project files** Clo3d/ Marvelous Designer (.ZPRJ) VStitcher (.BW) Optitex (.PDS) Maya Binary (.MB, .MA) Modo scene files (.LXO) 3DS Max (.MAX) Blender (.BLEND) Rhino (.3DM) Cinema 4D (.C4D) Lectra (.MDL) **3D model files** Geometry files: (.OBJ/.MTL, .FBX, .GLTF, .GLB) 3D material files Material files (.U3M, .U3MA, .XTEX) **Office files** Excel (.XLS, .XLSX) PowerPoint (.PPT, .PPTX) Word (.DOC, .DOCX) XML Paper Specification (.XPS) SharePoint (.TGA) Apple (.KEY, .NUMBERS)
Maximum File Size	100MB

Download

Models

Formats	*.glb v2.0, *.gltf v2.0, *.obj + *.mtl	

Models of color and / or material variants with applied Prints & Graphics

Formats	gITF v2.0 binary (*.glb) with applied Draco compression	

Snapshots

images	*.png	Up to 2K resolution

Rendering

Browser (real time)

Rendering Engine	WebGL version 2.0 (with fallback to 1.0 for devices that don't support 2.0)	based on the latest version of the ThreeJS library with many custom additions

Collaborate

Comments

Locations	**Product, Spaces**
Max Characters	No Limitation
Max comments in thread	No Limitation
@ mentioning with notification in the Platform and via email	Supported

Users

User Roles

Metadata	Title
member	Member account
member with Pro	Member with Pro account
Product admin	Product Line Admin
Pro product admin	Product Line Admin with Pro account
Org admin	Organization Admin
Pro org admin	Organization Admin with Pro

Organization Admin, Product Line Admin, and Member - each role can be "promoted" to Pro. "Pro" users get added capabilities throughout the platform: Setup, Design and corresponding to the chosen pricing plan.

Plugins

Embodee Plugin for Browzwear VStitcher plugin capabilities
- Exports model with optimized settings for use in the cloud platform in *.fbx, *.glb format
- Batch export a folder with *.bw files
- Includes avatar option, so the user can opt in for including the avatar in the exported model
- Generates model metadata, utilized in the cloud platform to create better structure of components, matching the pattern structure in VStitcher
- Automatically upload and import into the cloud platform