

File formats



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Document revisions

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P1	S0	2013-06-09	First Issue (internal only)
P2	S2	2015-01-30	Updated for external issue
P03	S2	2015-12-11	Revised branding. Amended document number to BS 1192:2007+A1:2015

Front cover image - Saudi Schools

File formats

Format	Description
No.	
3DMLW	(3D Markup Language for Web files)
3DS	(native Autodesk 3DS Studio file format)
3DXML	(native Dassault Systemes file format)
A	
ASC	(BRL-CAD geometry file)
ASM	Solidedge Assembly
B	
BCF	BIM collaboration format
BIM	(native Data Design System (DDS-CAD) file format)
BIN	(native Data Design System (DDS-CAD) file format)
BMP	Bitmap (image format)
BPN	(native Graphisoft ArchiCAD file format - backup file of the main file)
C	
CUBE	(native Datacubist simplebim file format)
D	
DGN	(native Bentley design file format)
DMG	(application file format for the Apple Mac)
DOC	(native Microsoft Word file format)
DOCX	(native Microsoft Word file format)
DWG	(native Autodesk AutoCAD file format)
DWF	Design Web Format (native Autodesk file format)
DWFX	Design Web Format (native Autodesk file format)
DXF	Drawing Interchange Format or Drawing Exchange Format
E	
EXE	(application file format for a PC)
F	
FBX	(file format developed by Kaydara and now owned by Autodesk)
G	
gbXML	Green Building XML
GDL	Geometric Description Language (native Graphisoft ArchiCAD file format - object language)
GIF	Graphics Interchange Format (image format)
GTC	(native GRAITEC Advance file format)

File formats continued

Format	Description
I	
IAM	(native Autodesk Inventor assembly file format)
i.dgn	(Bentley Navigator i-model)
IDE	(native Autodesk Inventor iFeatures file format)
IDW	(native Autodesk Inventor drawing file format)
IFC	Industry Foundation Classes
IGES	Initial Graphics Exchange Specification
imodel	(mobile version of Bentley Navigator i-model)
IPN	(native Autodesk Inventor presentation file format)
J	
JIF	JPEG Interchange Format (image format)
JPEG or JPG	Joint Photographic Experts Group (image format)
JT	Jupiter Tessellation (visualisation file format)
L	
LCK	(native Graphisoft ArchiCAD file format - lock file format)
N	
NWC	(native Autodesk Navisworks file format)
NWD	(native Autodesk Navisworks file format)
NWF	(native Autodesk Navisworks file format)
O	
ODBC	Open Database Connectivity
P	
PDF	Portable Document Format
PICT	(native Apple Macintosh PICT image)
PLA	(native Graphisoft ArchiCAD file format - archive file format)
PLN	(native Graphisoft ArchiCAD file format - primary file format for individual files)
PLK	(native Graphisoft ArchiCAD file format - lock file format)
PLY	Polygon File Format
PMK	(native Graphisoft ArchiCAD file format - layout file format (historical projects only))
PNG	Portable Network Graphics (image format)
PPT	(native Microsoft Powerpoint file format)
PPTX	(native Microsoft Powerpoint file format)
PRC	Product Representation Compact
PSD	(native Adobe Photoshop file format)

File formats continued

Format	Description
R	
RCP	(native Autodesk ReCap file format)
RCS	(native Autodesk ReCap file format)
RFA	(native Autodesk Revit family file format)
RVT	(native Autodesk Revit project file format)
RTE	(native Autodesk Revit template file format)
S	
SDNF	Steel Detailing Neutral Format
SKB	(native Sketchup backup file format)
SKP	(native Sketchup model file format)
SLDASM	(native Solidworks assembly file format)
SLDDRW	(native Solidworks 2D drawing file format)
SLDPRT	(native Solidworks 3D part model file format)
STL	Stereolithography or Standard Tessellation Language
STP	Standard for the Exchange of Product model data
SVG	Scalable Vector Graphics
T	
TCT	(native TurboCAD template file format)
TCW	(native TurboCAD file format)
TIFF	Tagged Image File Format (image format)
V	
VRML	Virtual Reality Modelling Language
W	
WRL	(similar to STL but includes colour)
X	
XML	Extensible Markup Language
XLS	(native Microsoft Excel file format)
XLSX	(native Microsoft Excel file format)
Z	
ZIP	(compression format)

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