Installation instructions
ABeam
Installation software version 4.0 (11.10.2016)

1   INSTALLING SOFTWARE

1.1   Downloading the software from the home pages of Anstar

Software can be downloaded from Anstar home page. **www.anstar.fi/ohjelmat/** on
the location *Installation guide*. Windows versions: Windows XP, 7, 8 and 10 are required
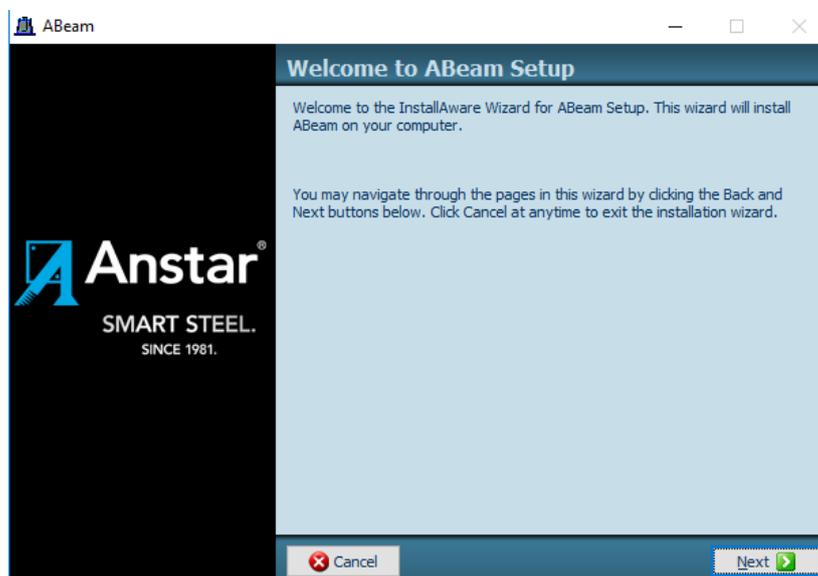
File **Abeam400.zip** can be saved with *Save File* command to hard disk. For the software of Anstar
products can be created own folder *C:\...\Anstar\ABeam.*

NOTE: Program cannot be installed to Windows *C:\Program Files* folder, because there are
problems with protection of software.

After saving the *Abeam400.zip* it can be extracted to selected software folded.

1.2   Installing the program

Installation of software can be start with *Abeam400.exe* file. Installation shall run with ***Run as
administrator***, because there could be problems with normal installation.

Picture1.   Main window of installation software

Main parts of installation:

Language	Installation of software can be done with English or Finnish
License agreement	License agreement can be accepted. See chapter 3.
User information:	The program will require user information. The same information will be printed on the calculation printing. Insert user name and your company name.

Abeam Quick dimensioning program
Installation instructions
2

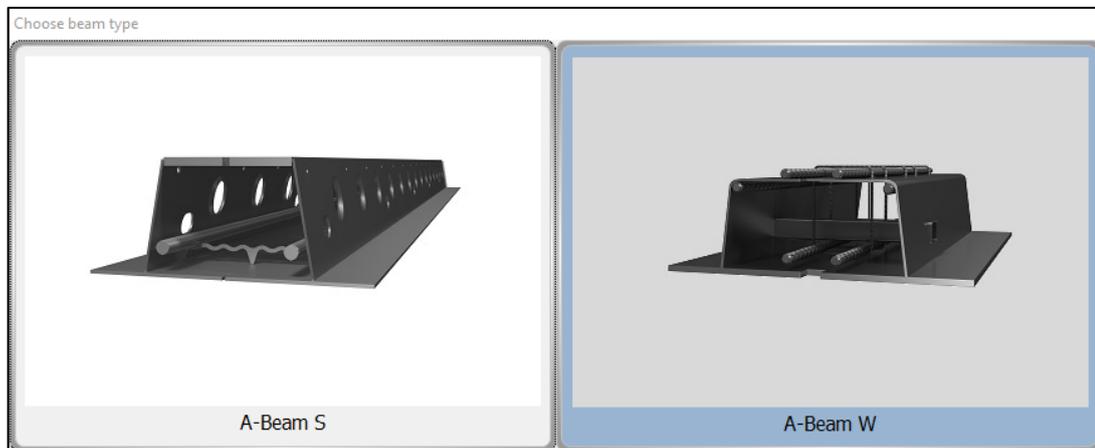|	
Installation folder:	The program will request installation folder. User can choose the folder or use programs default folder (C:\Anstar\Abeam\).
	Do not install the program into the windows C:\Program Files folder, because your operating system might prevent the use of this program.
Start-up menu:	The program will request to choose the location in your start-up menu where the program is installed.
Accepting installation:	The program will request accepting the installation and after that the installation begins.
Version updates:	The program will display any changes made on this version
Installing complete:	Installation is complete and the program is ready to use.

2 RUNNING THE SOFTWARE

2.1 Starting

Software starts with main window in picture 2.

Firs shall be choose type on beam
- A-Beam W   The core of bean will be poured on workshop
- A-Beam S   The core of bean will be poured after erection on site

Picture 2.   Abeam starting window of software

2.2 Purpose of the program

With ABeam quick dimensioning program civil engineer can perform the preliminary strength calculation of ABeam. Program cannot perform the final strength calculation of ABeam, because the program will not display all details about the structure and its variables.

The program will also perform the shear resistance calculation of the vertical web of the of hollow core slab working in composite action with Abeam.

Following design and erection guides can be copied from home page of Anstar.

1. A-Beam S   Design guide
2. A-Beam W   Design guide
3. A-Beam S   Erection guide
4. A-Beam W   Erection guide

2.3   Calculation code used by the program

Following design codes can be used with software
- EN 1992-1-1:2004 (BasicEudocode)
- SFS-EN 1992-1-1:2005 +NA 2007
- SS-EN 1992-1-1:2005/AC:2010+A1
- DIN-EN 1992-1-1:2011-01+A1/2014

3   END USER LICENCE AGREEMENT

Anstar Oy
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anstar@anstar.fi