



December 10th, 2009

To: All Representatives
From: Brent Ross
Re: 3D CAD Files – Support of Revit

As many of you know, Armstrong has been providing our customers with 3D models for years. We are leaders in this area of solution and systems design, and we are working full speed to take our 3D drawings to the next level.

The industry has been using BIM, a platform supported by Armstrong, for a number of years. Recently some customers have been asking specifically for "Revit" files, one of a number of file formats associated with BIM.

Great news! Our 3D CAD file download system now can provide customers with files in a format that they can easily convert to "Revit".

The process is as follows:

1. Make selections as normal on Pacdor
2. When you reach the image type box, select 3D
3. When the 3D file type box opens select "acis.SAT", then drop the version box and select v6
4. Download the file
5. acis.SAT is a file format created by AutoCAD for importing other software components. Most REVIT owners also have AutoCAD 3D. After they download the file they must import it into AutoCAD 3D and then save it as a REVIT file type...DONE!

We will be adding these instructions to our 3D CAD site shortly. If our customers require further modifications for their specific application or drawings not currently in Pacdor, a request should be sent to Armstrong technical support with specifics of the modifications required. If specific tag data is required the request should detail the actual data needed.

Armstrong has standardized its drawings on a specific platform. Armstrong is working with this platform developer to substantially increase its BIM file capability. A small part of the exciting enhancements will be the direct download of Revit files.

BIM is an exciting technology and Armstrong will continue to be at the forefront. Please find attached an informative presentation which provides an overall context to BIM.

Brent Ross
Director - Core Products
S. A. Armstrong Limited
Toronto, Ontario
Canada M1L 2P3
UK mobile 07896691675
NA mobile 416 357-1011

S. A. Armstrong Limited
23 Bertrand Avenue
Toronto, Ontario
Canada, M1L 2P3
T: (416) 755-2291
F (Main): (416) 759-9101

Armstrong Pumps Inc.
93 East Avenue
North Tonawanda, New York
U.S.A., 14120-6594
T: (716) 693-8813
F: (716) 693-8970

Armstrong Holden Brooke Pullen Limited
Wenlock Way
Manchester
United Kingdom, M12 5JL
T +44 (0) 161 223 2223
F +44 (0) 161 220 9660

www.armstrongpumps.com