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Subject: Got really stuck again.  
Posted by [gharryh](#) on Sat, 15 May 2010 12:25:56 GMT  
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Hi all,

Now i got stuck again with creating a simple model.  
It hasn't funny things, just plain walls with holes in it.

I create these using Microstation.  
Start with a solid flat shape, punching the holes.  
I then render that part to check if the holes are there.

Then i extract that part as a solid to get the correct wall thickness.  
Thats all i do and even then there are many errors.  
See the attached picture that Shapeways return.

Could anyone pleeease explain me in a simple language what i am doing wrong. Dont opt for buying a other drawing package be-course there is no budget for that.

harry

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#### File Attachments

1) [Capture.JPG](#), downloaded 174 times

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Subject: Re: Got really stuck again.  
Posted by [rawkstar320](#) on Sat, 15 May 2010 14:01:05 GMT  
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what software are you using to create the model?

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Subject: Re: Got really stuck again.  
Posted by [gharryh](#) on Sat, 15 May 2010 15:23:45 GMT  
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As i stated i am using Bentley Microstation 2004 v8i  
Then export it to a .wrl and with AcuuTrans3D to a dea file

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Subject: Re: Got really stuck again.  
Posted by [akeno](#) on Sat, 15 May 2010 23:03:53 GMT  
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export in stl and fix in netfabb for free.

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Subject: Re: Got really stuck again.  
Posted by [Youknowwho4eva](#) on Mon, 17 May 2010 12:39:25 GMT  
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Are you unioning them in Microstation before export? It appears you have internal meshes because the individual pieces aren't joined. They just overlap.

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Subject: Re: Got really stuck again.  
Posted by [gharryh](#) on Mon, 17 May 2010 19:44:38 GMT  
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OK i did some rethinking after your overlap remark.  
As i produce a 3d model it doesnt care about over lapping but 3D printing does.  
So i redrawn a part of the construction with no overlaps.  
And after that i created a union of the tree parts.  
[http://www.shapeways.com/model/120120/dg2421\\_1\\_45\\_scale.html](http://www.shapeways.com/model/120120/dg2421_1_45_scale.html)  
On strange problem still occourse with microstation during unions.  
If executed in a certain view it may result in a error and not in a other view.

#### File Attachments

1) [dg2421union\\_wrl.dae](#), downloaded 106 times

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Subject: Re: Got really stuck again.  
Posted by [Youknowwho4eva](#) on Mon, 17 May 2010 19:55:36 GMT  
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The view thing is odd. I think you have your item set to private, as your link tells me I'm not allowed to view it.

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Subject: Re: Got really stuck again.

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Posted by [gharryh](#) on Tue, 18 May 2010 13:50:44 GMT

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Its visible now

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Subject: Re: Got really stuck again.

Posted by [Youknowwho4eva](#) on Tue, 18 May 2010 14:22:27 GMT

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Looks like we're making progress, do you need any more assistance at the moment, or are you moving forward?

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Subject: Re: Got really stuck again.

Posted by [gharryh](#) on Tue, 18 May 2010 14:41:14 GMT

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I will try to complete the model tonight. Hope that all wil got OK . Will keep you informed.

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