

Ref: FAQ0338

Version: 1.0

Title-SoundSens database add new pipe

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(Issue 2)

How to add new pipe information to the SoundSens pipe material database

You may find the HWM SoundSens Software doesn't include all the possible pipe materials/ sizes you might encounter in you system – you can update the software yourself by either manually entering your own sound velocity for a particular pipe or, if you are reasonably PC literate, the pipe database is an Access database called 'PipeDatabase.mdp' in the Soundsens software folder – you can add/edit your own pipe information in here.

Use your Computers 'Explore' facility to find the SoundSens software folder and open it. You should see this – then look for the 'PipeMaterials.mdb' file and highlight it.

rorite Links	Name	Date modified	Туре	Size	Tags	
Documents	GNRLWORD.ENG	10/03/2010 12:36	ENG File	36 KB		
Pictures	innysz.exe	10/06/2010 15:01	Application	256 KB		
	PipeMaterials.mdb	08/10/2003 14:33	Microsoft Office A	214 KB	>	
Music	C reduin pur	22/12/1998 15:02	PWD File	1 KB		
More »	readme.txt	24/06/2010 15:26	Text Document	35 KB		
ers	✓ register.txt	05/03/2010 10:44	Text Document	1 KB		
MicroCorr 7	SNDSWORD.ENG	24/06/2010 09:51	ENG File	42 KB		
J Microsoft.NET	SNDSWORD.ESP	07/04/2008 12:47	ESP File FRA File	40 KB 38 KB		
🍶 Microsoft ActiveSync	SNDSWORD.FRA SNDSWORD.H	27/10/2006 13:58 20/01/2009 10:31	H File	38 KB 80 KB		
Microsoft Office	sndsword.wrd	20/01/2009 10:31	WRD File	52 KB		
🎍 Microsoft Silverlight		15/04/2010 09:58	Microsoft Office	3 KB		
Microsoft Visual Studio	SoundSens.cfg	10/11/2000 15:18	CNT File	4 KB		
Microsoft Works	SoundSens.exe	24/06/2010 10:22	Application	2.664 KB		
Movie Maker MSBuild	OUNDSENS.HLP	11/04/2001 14:07	Help File	1,719 KB		
MSECache	SoundSens Help.ENG	26/01/2007 10:30	ENG File	12 KB		
MSECACHE MSXML 4.0	SoundSens Help.FRA	27/10/2006 12:58	FRA File	9 KB		
NetWaiting	echsprt.txt	04/03/2010 11:02	Text Document	1 KB		
Nitro PDF	translator.exe	10/06/2010 16:09	Application	1,016 KB		
NOS	Translator Help.ENG	03/02/2006 15:20	ENG File	6 KB		
Palmer Environmental						
Palmer Environmental Limited						
PDFCreator						
🎍 pdfforge Toolbar						
🔒 Pegasus						
鷆 Permalog						
🕌 Radcom Technologies						
🍌 SoundSens						
🕌 Realtek	*					

Double click on 'PipeMaterials.mdb' (above) to reveal the database as follows -





Then click on SoundVelocity Imperial (if you are operating in Imperial – if in metric open the SoundVelocity file)

	PipeMaterials : Database (Access !	97 file format)		
	SoundVelocityImperial : Table			
	Material	Diameter	Sound Velocity	· · · · · · · · · · · · · · · · · · ·
	Steel	10"	3832	
	Steel	12"	3701	
	Steel	14"	3576	
	Steel	16"	3484	
	Steel	18"	3392	
	Steel	20"	3297	
	Steel	24"	3110	
	Steel	28"	3074	
	Steel	30"	3058	
	Steel	32"	3041	
	Steel	36"	3009	
	Steel	48"	3117	
	Cast Iron	2"	4403	
	Medium Density Polyethylene	31/2"	1158	
	Medium Density Polyethylene	5"	1132	
	Ductile Iron Concrete Lined	4"	3675	E
	Ductile Iron Concrete Lined	6"	3698	-
•	1	0		

Type the details of your new Pipe into the bottom line. Then exit the database.

If you carried out an Internet search you might find better information relating to regional pipe configurations locally which you could use (USA, Russia etc).

Having used the equipment to find the leak with the highest level of confidence, it is advisable to always try and verify this with a 'listening stick' or a 'ground microphone' at the actual dimensions pinpointed. This should give you the final confidence before you commit to digging, however it is recognised that this can be difficult in urban areas where high levels of background noise can interfere.

Document History:

Edition	Date of Issue	Modification	Notes
1st	20/05/15	Release	
2nd	16/09/15	Format update	