

## Test report

R.E. N°: 12-840-CQ

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### Impact noise efficiency $\Delta L$ of PVC flooring (ISO 140-8 ; ISO 717-2 ; NF S 31-053)

The dimensions and characteristics of the acoustic measurement chamber comply with standards NF S 31-053 and ISO 140-1.

<b>Test date :</b>	24/09/2012	<b>Manufacturer :</b>	Forbo Reims	<b>Name :</b>	Sarlon 15 dB
Ref. :	432205	N°fab. :	2066	Part no. :	32
Rolls :	H01	S/C N°:		Date :	04/10/12

#### Sample characteristics :

Weight per unit area (g/m <sup>2</sup> ) :	Surface layer thickness (mm) :
Dimensions (cm) :	Compact layer thickness (mm) :
	Cell layer thickness (mm) :
	Total thickness (mm) :

#### Installation method :

Glue :	FIXDAL
Weight (g/m <sup>2</sup> ) :	
Drying time :	

Floor temperature (°C) :	21	Local volume (m <sup>3</sup> ) :	76,6
Humidity (%) :		Local reception volume (m <sup>3</sup> ) :	68,9
Number and position of microphones :		Position :	B

Visible damage to sample during testing :

Observation :

Frequency (Hz)	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000
Floor impact noise level of measurement (dB)	68,3	62,8	65,7	64,7	66,8	65,4	66,3	66,4	68,9	69,4	71,2	71,8	72,6	72,7	72,8	72,5	71,6	69,8
Impact noise efficiency of coating (dB)	2,7	2,7	1,6	1,8	2,4	1,8	3,5	4,0	5,4	6,5	10,1	13,5	19,2	26,7	34,3	42,8	48,4	49,9

#### Measured values

$\Delta L =$	11	dB(A)
$\Delta L_w =$	15	dB
$\Delta C_i =$	-9	dB
$L_{new} =$	63	dB

Requested by :

As part of :

Carried out by :

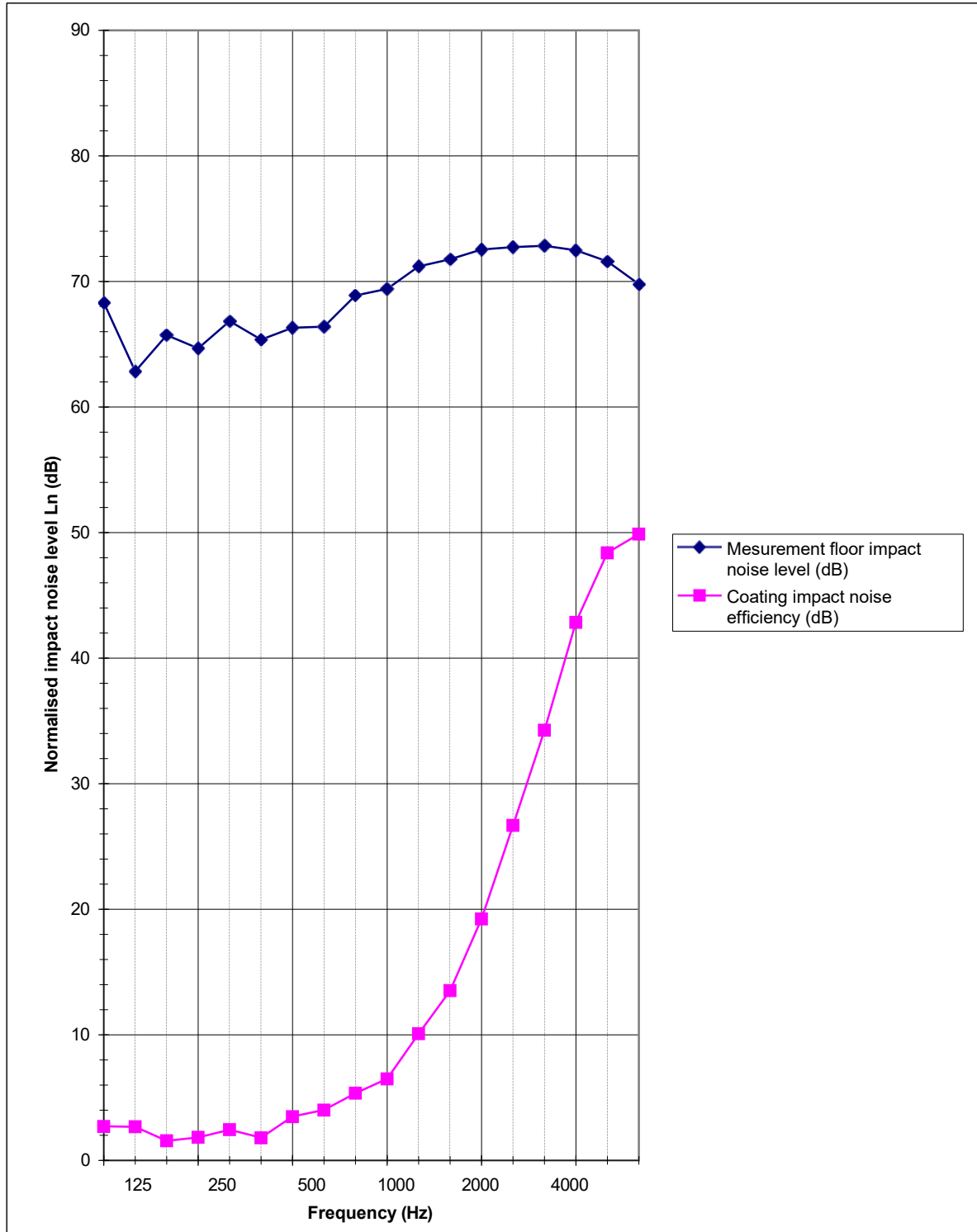
**Test report**

**R.E. N°: 12-840-CQ**

**Impact noise efficiency  $\Delta L$  of PVC flooring  
(ISO 140-8 ; ISO 717-2 ; NF S 31-053)**

The dimensions and characteristics of the acoustic measurement chamber comply with standards NF S 31-053 and ISO 140-1.

<b>Test date :</b>	24/09/2012	<b>Manufacturer :</b>	Forbo Reims	<b>Product name :</b>	Sarlon 15 dB
<b>Ref. :</b>	432205	<b>N°fab. :</b>	2066	<b>Part no. :</b>	32
<b>Roll :</b>	H01	<b>S/C N°:</b>		<b>Date :</b>	04/10/12



# Test report

R.E. N°: 12-840-CQ

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## Standardised emitted impact noise L<sub>ne</sub> (ISO 717-2 ; NF S31-074)

The dimensions and characteristics of the acoustic measurement chamber comply with standards NF S 31-053 and ISO 140-1.

<b>Test date :</b>	24/09/2012	<b>Manufacturer :</b>	Forbo Reims	<b>Product name :</b>	Sarlon 15 dB
<b>Ref. :</b>	432205	<b>N°fab. :</b>	2066	<b>Part no. :</b>	32
<b>Rolls :</b>	H01	<b>S/C N°:</b>		<b>Date :</b>	04/10/12

Frequency (Hz)	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	L <sub>new</sub> (dB)
Emitted impact noise (dB)	63,6	64,5	65,9	65,7	65,0	67,6	66,0	64,5	65,7	65,4	62,3	58,5	53,7	50,6	51,6	53,7	<b>63,0</b>

