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## X-READY

The self-adhesive lead wallpaper  
for noise insulation and radiation  
protection in dry construction

Lead sheet with environmental product declaration



Institut Bauen und Umwelt e.V.



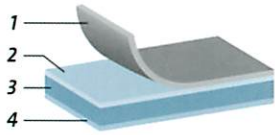
DIN EN ISO 9001:2008  
DIN EN ISO 14001:2004  
OHSAS 18001:2007



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## X-READY – practical, easy, fast

### Product structure



#### 1 Protective film

#### 2 Glue

#### 3 Lead sheet

Base material: Pb 99.94 Cu  
to DIN EN 17640

#### 4 Finishing

Painted surface

### Standard dimensions

0.5	x	620	x	10,000	mm
1.0	x	620	x	6,000	mm
1.5	x	620	x	3,000	mm
2.0	x	620	x	3,000	mm
<b>NEW</b>					
0.5	x	1,000	x	10,000	mm
1.0	x	1,000	x	5,000	mm
1.5	x	1,000	x	2,500	mm
2.0	x	1,000	x	2,500	mm

Other dimensions, geometries,  
or flat materials on request.

Thickness tolerance: 0/+0.05 mm

Other tolerances to  
DIN ISO 2768 m

For more information visit  
[www.x-ready.de](http://www.x-ready.de)

**New for dry construction:** X-READY, the self-adhesive lead wallpaper for noise insulation and radiation protection. Easy to use and versatile, the X-READY product range provides efficient and professional solutions for noise and radiation protection construction projects. X-READY is pure lead in a roll. It is self-adhesive and adheres to both new and old surfaces as well as around curves and rounded edges. It is perfect for large



### Product range

X-READY comes in four thicknesses. The specially finished surfaces fulfil even the strictest hygiene requirements. Extra supplies include self-adhesive strips and covers as well as cavity wall switch boxes.

X-READY is also available in a separate **industrial range**.

areas and is ideal for complex room shapes. X-Ready is an innovation from Röhr + Stolberg, the leading manufacturer of lead semi-finished goods in Europe.



Versatile:  
laminating GK  
sheets yourself  
is no problem  
with X-READY.

### Advantages at a glance

- Easy to use and install with self-adhesive adhesive coating
- Trouble-free installation, even in complex rooms
- Adheres to rough surfaces
- Can be papered over
- Construction panels can be self-laminated on site
- Compact 620 mm roll format for easy handling and reduced setup times
- Full-surface coating for additional hygiene protection
- Higher shielding thickness can be achieved through repeated layering
- Thicker lead layer provides space-saving benefits
- The material thickness is manufactured with a large tolerance range to ensure radiation protection

As easy as wallpapering: mark out, cut, remove the protective film...



...hold in place, roll firmly, secure, finished! Self-adhesive lead strips are available for joins.



## **X-READY** TECHNICAL PRODUCT DATA SHEET X-READY T120

**X-READY T120** is an innovative new product of the Röhr + Stolberg company. It is a one-sided self-adhesive lead sheet. This product offers a whole variety of advantages and finds its application especially in the fields of radiation- and soundproofing-protection. In addition, it can be used for weight optimization of components.

GENERAL INFORMATION		X-READY T120
<b>PRODUCT</b>	<b>basic materials</b>	Pb 99,94 Cu according to DIN EN 17640
	<b>dimensions</b>	Standard sizes: 0,5 x 1.000 x 10.000 mm      0,5 x 620 x 10.000 mm 1,0 x 1.000 x 5.000 mm      1,0 x 620 x 6.000 mm 1,5 x 1.000 x 2.500 mm      1,5 x 620 x 3.000 mm 2,0 x 1.000 x 2.500 mm      2,0 x 620 x 3.000 mm  Other formats or parts can be produced in terms of plan merchandise or in stamped form according to customer drawing.
	<b>tolerances</b>	Thickness tolerance: 0/+0,05 mm Other tolerances according to DIN ISO 2768 m
	<b>surface</b>	Anthracite grey RAL 7016
	<b>ADHESIVE</b>	<b>basic materials</b>
	<b>base</b>	fleece
	<b>thickness</b>	120 µm
	<b>temperature resistance</b>	From -30 degrees to 160 degrees
	<b>processing temperature</b>	10-25 degrees; bond strength of -40 will remain stable up to 100 degrees; short terms up to 200 degrees
	<b>expiration</b>	About 24 months at a room temperature of 15-25 degrees and a humidity of max. 50% in original packaging
<b>MASKING</b>	<b>basic materials</b>	Silicon paper
	<b>thickness</b>	170 µm

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<b>MORE INFORMATION<sup>1</sup></b>	<b>X-R E A D Y T120</b>
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<b>TENSILE STRENGTH</b>	<b>of same nature in the composite surface</b>	~ 16,0 N/cm <sup>2</sup>
	<b>sandwich structure</b>	RAL 7016/RAL 7016

<b>ADHESIVE PEEL FORCE  (180 DEGREES ACCORDING TO AFERA 5001)<sup>2</sup></b>	<b>on steel</b>	~ 34,0 N/25mm
	<b>on aluminium</b>	~ 30,0 N/25mm
	<b>on PP</b>	~ 26,0 N/25mm
	<b>on PE</b>	~ 15,0 N/25mm

*Important note: The information represents our current experience and it is not necessary in specifications. The installation of our product is only allowed on solvent-materials. Please ensure before using our product, whether it is suitable also in view of possible usage influences for the purpose intended by you. All questions of warranty and liability for the product are governed by our valid sales conditions, unless statutory provisions provide otherwise.*

<sup>1</sup> Röhr + Stolberg GmbH, updated November 2009

<sup>2</sup> according to note of manufacturer