

## **Knauf take the lead in X-ray protection.**

As a leading manufacturer of plasterboard with two production plants in the UK, Knauf Drywall continue to innovate with Safeboard - a simple and highly effective alternative to lead sheeting in the walls of X-ray facilities. By combining the properties of Barium Sulphate with gypsum, Knauf Drywall has created plasterboard that is ideal for medical, dental, veterinary and industrial environments.

Traditional lead-lined boards are heavy, expensive and time consuming to cut and install, with the need for additional lead strips behind every joint. Often, additional plasterboards are required to suit fire and acoustic requirements.

From their initial implementation for medical use over a hundred years ago to the latest techniques we are familiar with, X-Ray technology has advanced considerably. The methods for protection from these potentially harmful rays had not - until now.

Knauf Safeboard brings X-Ray protection, fire and acoustic performance together in one easy-to-install board.

Knauf Safeboard is simple to fix as it cuts and snaps like ordinary plasterboard and joints are sealed with simple-to-use Knauf Safeboard Jointing Compound - meaning that savings in time and cost can be made. It is also significantly lighter in weight for easier handling and therefore improves the health and safety of the installer.

The flexibility to re-design interior layouts and to build in changes of use to rooms is increasingly important when considering modern, future-proof healthcare projects. Knauf X-Ray partitions can be inexpensively designed to suit mobile X-Ray apparatus, and can be retro-fitted or removed far more easily than traditional lead-lined partitions.

- Suitable for providing radiation protection in X-Ray diagnostics and low power X-Ray therapy areas
- Fully tested and passed by the Health Protection Agency
- Cost-effective
- Stable, long term pricing to give confidence when estimating project costs
- Lightweight, easy to cut, easy to install
- Ideal for radiation protection in hospitals, dental practices, veterinary surgeries, research establishments, manufacturing and industry
- 100% lead-free

### **How does it work?**

The gypsum core of the plasterboard is impregnated with a radiocontrast agent - Barium Sulphate. The core is dyed yellow to ensure that it can easily be identified on site.

### **How consistent is it?**

Due to significant investment in manufacturing techniques, every single square metre of Safeboard is tested thoroughly to ensure that the stated level of X-Ray shielding will be achieved. There is no degradation of performance during the lifetime of the product, therefore it will shield these potentially harmful rays first time and every time.

To discover more about Knauf Safeboard, visit the website [here](#).

To discuss your X-Ray shielding requirements, contact Knauf Drywall:

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