

## Target Backing

### Safety Target Backing



Shooting ranges throughout the world have selected Weir Minerals' LINATEX® rubber products as a permanent fixture to safeguard shooters against dangerous ricochets in shooting ranges.

LINATEX® Premium Rubber is a natural rubber that exhibits outstanding resilience, strength and resistance to both cutting and tearing that permit the rubber to 'self-heal' after a projectile has passed through.

Another distinct feature is the ability of the rubber sheeting to deaden noise from shots and strikes against the rear armour plating. At the same time, the quantity of hazardous lead dust is reduced. The lead dust and fumes are better contained behind the rubber where they can be extracted and do not reach the shooters at the firing stations.

LINATEX® Premium Rubber also satisfies the safety requirements for shooting ranges and as a result is used in shooting ranges operated by the military, police and private clubs.

Independent tests have also shown LINATEX® Premium Rubber to give the longest life regardless of the ammunition used.

#### White target backing for slide projection

White target backing has been developed to aid target visibility for camera ranges and scenic shots. It is ideal where films or slides form part of the shooting drill. The reflective surface improves the light around the target area. Another advantage is the ease of shot spotting when using dark targets.

#### Which ammunition?

The useful life of target backing depends on the type of weapon and ammunition used. For example, trials show that 22 calibre lasts several thousand rounds and the 38 wad cutter lasts several hundred rounds before lapping of the curtain is needed.

#### Hollow point bullets

The hollow point has a flat tip that punches a lasting hole in the target backing. When using this type of ammunition an extra thin curtain is suspended in front of the main curtain. The flat tip of the bullet is filled with the rubber from the front curtain ensuring that the rear curtain operates normally.

#### Fixing

Curtains can be supplied complete with nylon tabs and brass eyelets. Alternative securing options are available including clamping between wooden battens.

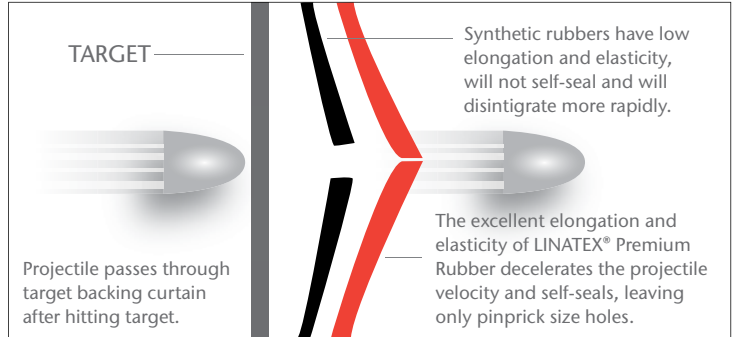
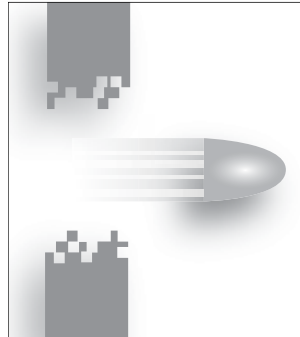
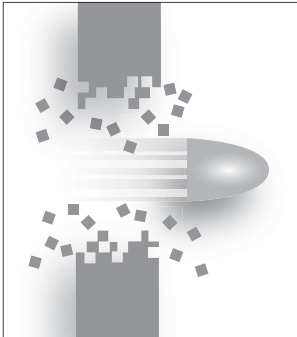


#### WARNING / CAUTION

Do not use low-powered ammunitions or air rifles, use only ammunition approved for use at your particular shooting range.

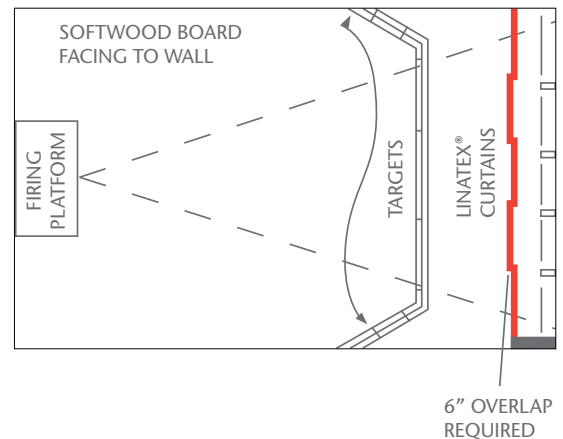
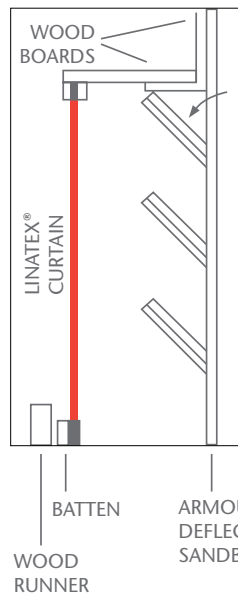
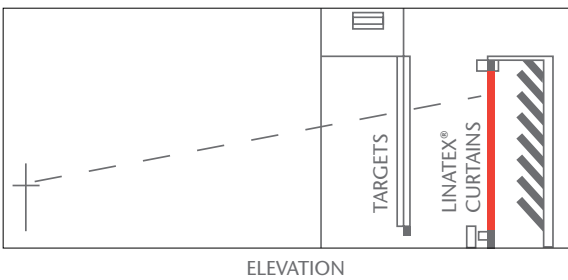
The target backing curtain must hang freely - do not fix to the floor.

Ensure all safety regulations are strictly adhered to.



Projectile passes through a fixed panel e.g. particle board  
**Result:** The fixed panel is splintered and pierced.

Projectile passes through LINATEX® target backing.  
**Result:** LINATEX® target backing self-seals leaving only pinprick holes.



These illustrations show the design of a safe, efficient shooting range incorporating LINATEX® curtains.

The rubber hangs freely, it is secured only at the top, which is necessary to maximise its effectiveness. The rubber is suspended in panels which can easily be switched and moved to spread the load.

Using LINATEX® rubber products prolongs the life of the curtain, making it easier to clean and facilitating the extraction of lead fumes.

LINATEX® rubber products can be supplied in various curtains and sizes.

**Weir Minerals Division**

2701 S Stoughton Road  
 Madison WI 53716  
 North America

Tel: +1 608 221 2261  
 Fax: +1 608 661 8734  
 www.weirminerals.com

Excellent Minerals Solutions