



# SPALL LINER

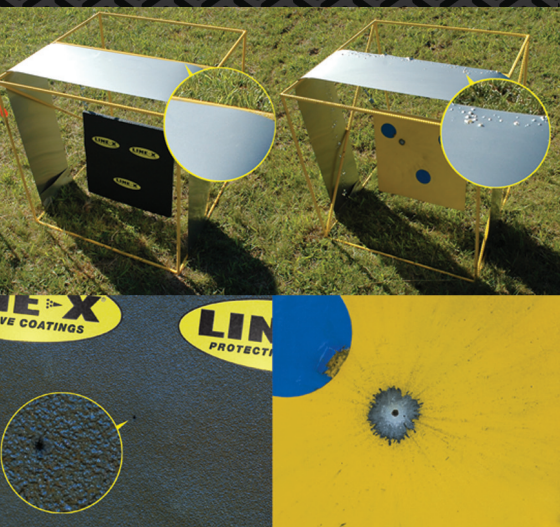


SPRAY APPLIED SPALL LINING PROTECTION DEVELOPED BY **LINE-X®**

**LINE-X.CO.UK**

**PAXCON.CO.UK**

# SAFE GUARDING YOUR TROOPS



## LINE-X® Spall Liner

### What is spall?

Spall occurs when an object fractures upon impact with another surface, for instance when a bullet hits armoured plating, part of the bullet breaks up into tiny shards of metal that fly out at high pressure. It is these shards that cause injury or even death.

### PX-2100 coating

The LINE-X® spall liner (PX-2100) is a spray applied coating that can be applied to Dyneema® panels, armoured vehicles, breastplates and other military equipment. PX-2100 was developed to absorb the impact from projectiles, therefore stopping both the projectile and the armour plating from spalling.

### Proven to work

The LINE-X® Spall Liner is a polyurethane hybrid material that has received certificated testing by H.P White Labs.

The results from these tests showed that PX-2100 sprayed over armour plating at 6mm thick prevented every tested bullet from spalling.

### Bulletproof Vests

PX-2100 is used as a coating on ceramic bulletproof vests due to its ability to absorb the impact of a bullet, preventing the most common injuries to soldiers, being wounded by spall.

Another advantage of LINE-X® PX-2100 is the high resistance to chemicals, allowing the vests to be decontaminated in the event of chemical contact.



## LINE-X saving lives

The LINE-X® Spall liner has already saved a young soldier's life. The soldier was shot by a rifle whilst wearing a ballistic vest coated with the LINE-X Spall Liner. Because of the LINE-X coated breastplate the young soldier survived with nothing more serious than bruises.

## Vehicle Coatings

The impact absorbing qualities and the resistance of rust and corrosion add to the reasons why LINE-X® is being specified on military vehicles. Military vehicles operate in harsh and rough terrain, which have a tendency for rocks, stones and debris to be thrown up causing damage to the vehicle.



The superior protection offered by LINE-X® has led to various militaries around the world adopting LINE-X® as their choice of coating.

## Acoustic Qualities

LINE-X® has outstanding vibration and noise dampening qualities. Militaries are adding LINE-X® to their vehicles to assist with internal noise suppression.

PAXCON® developed by:



Industrial Division



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