

Centurion Interiors  
**Partition Systems**

Demountable Partitions  
Glass Partitions  
Acoustic Glass Doors  
Timber Doors  
Bespoke Solutions



## **Product Safety Datasheet**

System 2000, 3000, 4000, 9000, 9000FR & XP

**TRULINE**  
systems 

## Product Safety Datasheet

### SYSTEM 2000, 3000, 4000, 9000, 9000FR & XP

#### INSTALLATION DETAILS

The details and guidance provided by Truline Systems has been written for the benefit of experienced trade professionals to assist them in the installation of the Company's products. This and other documents assumes a level of knowledge and competence which makes it unsuitable for use by a novice without the benefit of other instruction as to the use and installation of Truline Systems.

The advice and guidance referred to does not seek to replace the health and safety advice and systems of employers in relation to the use and installation of Truline Systems products but should be considered in addition. At all times users of such products and installation methods should ensure that they are familiar with and adhere to their employers own health and safety procedures.

It is important to follow good site practice at all times and to ensure that the appropriate safety precautions are taken (including the wearing of appropriate personal protective equipment) when working with Truline Systems products.

The following are offered as general guidance notes:

- Manual off-loading and handling should be carried out in accordance with any with any manual handling training given. Wherever possible mechanical aids should be used.
- Truline is a non-load bearing system and is not designed to support body weight. Installers should work from an independent means of access.
- Power tools should only be used by people who have been instructed and trained to use them safely.
- When cutting metal sections, power and hand tools should be used with care and in accordance with the manufacturers' recommendations. Appropriate personal protective equipment should be worn.
- Dust generation should be kept to a minimum. Adequate ventilation should be maintained or suitable respiratory protection should be used.

#### METAL AND PVC COMPONENTS

Galvanised components are in bundles, anodised aluminium is in cartons, painted steel or aluminium and PVC components are wrapped or boxed in cartons.

Components may be strapped together in large packs or stillage's for forklift truck off-loading, they should then be stacked in a safe and stable manner. Any bands or straps used to form bundles should not be used for lifting. Care should be taken when cutting bands or straps as these may spring back causing cuts when tension is released.

Components should be stored in a dry level place supported off the ground on bearers, and any packaging left intact for as long as possible to avoid minor damage.

Materials should be as close as is practical to the position of installation, which will avoid double handling.

Reasonable care should be taken with metal or PVC components, in particular with prefabricated items such as doorframes to avoid damage to mitres or cut ends.

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## **COSHH (Control of Substances Hazardous to Health) Regulations 1999**

### **IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY**

Truline Systems

The above partition systems comprise mainly of extruded aluminium in either anodised or polyester powder painted finish. Cold rolled mild steel in either galvanised or polyester powder coated finish.

Some sections, infill trims and gaskets are PVC extrusions. Intumescent materials. Rubber seals.

Supplier: Truline Systems,  
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West Midlands  
B69 2DA

### **COMPOSITION / INFORMATION OF MATERIALS**

Extruded aluminium profiles, anodic oxydation coated (anodised) or polyester powder coated.

Some polyester powder formulations contain Multifunctional glycidylester. Adequately cured and adherent films of powder coatings may be expected to present a negligible hazard under normal conditions of use where the risk of transfer of material into the body is minimal.

Extruded PVC profiles - PVC compositions blended from vinyl chloride polymers and copolymers with additives such as stabilisers, plastiscisers, fillers and colour pigments.

Mild steel with hot dip galvanised coating or additional polyester powder coating. Galvanised steel may have a protective film of a roll forming hydrocarbon (oil / paraffin etc) lubricant or a residue of cutting fluid.

Plasterboard: Calcium sulphate dihydrate encased in paper liners, natural constituents may include minor amounts of quartz. May contain small quantities of chopped man-made mineral fibre and microsilica with starch, foam and dispersants.

Intumescent: Expandable graphite blend.

### **HAZARDS IDENTIFICATION**

These products are not classified as hazardous under the Chemicals (Hazard, Information and Packaging for Supply) (Amendment) Regulations 2000 (CHIP 2000).

There is a risk of cuts and abrasions from sharp edges and ends when handling metal sections and during installation where they have been positioned prior to the fixing of the infill panels.

There is also a risk cutting bands or straps, as they may spring back and cut when the tension is released.

During welding or cutting, irritant fumes may be evolved which can cause metal fume fever.

Dust from sawing or sanding plasterboard may irritate the respiratory system, skin and eyes.

Frequent handling of galvanised components may cause skin problems due to the residue of lubricant / rust inhibitors. Combustion of PVC extrusions will evolve toxic and corrosive vapours.

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## FIRST AID MEASURES

Inhalation:	If thermal decomposition vapours have been inhaled, remove person to fresh air. Obtain immediate medical attention.
Skin contact:	Possible cuts from sharp edges. Treat as other cuts. If required seek medical attention.
Eye contact:	If fragments of material enter eye, irrigate with eyewash solution and clean water and seek medical advice if irritation persists.
Ingestion:	Not relevant.

**Please note should any symptoms persist, obtain medical assistance.**

## FIRE FIGHTING MEASURES

Metal sections are non-flammable, but the protective coating / lubricant on galvanised components may be combustible and should be extinguished by using carbon dioxide, dry powder or foam.

PVC profiles are combustible and should be extinguished with water, carbon dioxide, dry powder or foam. Highly corrosive hydrogen chloride is given off during the combustion of PVC, care should be taken to avoid inhalation, advise firefighting personnel to wear acid resistant clothing and full face masks.

Plasterboard is fire resistant but facings may burn. All fire extinguishers are suitable.

Intumescent is non-flammable - use extinguishing media appropriate to the surrounding conditions.

Packaging materials may burn, and should be extinguished by using water or foam.

## ACCIDENTAL RELEASE MEASURES

Not applicable.

## HANDLING AND STORAGE

Galvanised components are in bundles, anodised aluminium is in cartons, painted steel or aluminium and PVC components are wrapped or boxed in cartons.

Components may be strapped together in large packs or stillage's for forklift truck off-loading, they should then be stacked in a safe and stable manner. Any bands or straps used to form bundles should not be used for lifting.

Care should be taken when cutting bands or straps as they may spring back and cause eye or other injury when the tension is released. Sharp corners or edges may lacerate skin.

Some sections (doorframes and glazing frames) are mitred and have sharp points. Metal sections which have been fixed to the floor or walls may have exposed sharp edges. Care should be taken to protect persons from accidental contact (slips, trips or falls).

Avoid prolonged contact with skin and wear protective clothing when handling galvanised metal sections or plasterboard.

If handling components manually a risk assessment should be carried out as required by Manual Handling Operations Regulations 1992.

When cutting metal sections, power and hand tools should be used with care and in accordance with the manufacturers' recommendations. Appropriate personal protective equipment should be used.

When cutting rigid PVC profiles the use of power tools may cause sections to shatter.

Dust generation should be kept to a minimum. Adequate ventilation should be maintained or suitable respiratory protection used.

Partitioning system frameworks are non-load bearing and are not designed to support body weight. Installers should work from an independent means of access.

## EXPOSURE CONTROLS / PERSONNEL PROTECTION

Components should not represent hazards in normal state.

Machining / cutting of components may cause airborne dust. Refer to latest edition of HSE 'EH40 Occupational exposure limits' for current occupational exposure limits.

The man made mineral fibres used in plasterboard are non-respirable with fibre diameters in excess of 10 micron.

Personal protection:

Respiratory:	Wear suitable approved respiratory equipment when cutting or grinding.
Skin:	Wear protective gloves, overalls and footwear.
Eye:	Wear safety goggles to BS EN 166 when cutting or working with products.

## PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Metal and PVC sections in various lengths, thicknesses and formats.
Odour:	Not applicable.

## STABILITY AND REACTIVITY

Stable under normal conditions, but when subjected to elevated temperatures PVC profiles may distort.

## TOXICOLOGICAL INFORMATION

Metal sections:	Dry grinding or machining may produce dust of the same composition as the coating or base metal.
Skin contact:	No hazard in normal use.
Eye contact:	None in normal use.
Ingestion:	Not applicable.

PVC profiles: No known toxicological effects.

## ECOLOGICAL INFORMATION

All are stable products with no known adverse environmental effects.

## DISPOSAL CONSIDERATIONS

Metal sections, PVC profiles and any cardboard packaging should be considered for recycling.  
Other products should be disposed of at an authorised landfill site in accordance with the Waste Management Licensing Regulations 1994.

## TRANSPORT INFORMATION

Not classified as hazardous for transport.

## REGULATORY INFORMATION

These products are not classified as hazardous under the Chemicals (Hazard, Information and Packaging for Supply) (Amendment) Regulations 2000 (CHIP 2000).

## OTHER INFORMATION

Recommended uses - in conjunction with plasterboard panels and glass to form internal walls for commercial, institutional and industrial offices.

No warranty is hereby expressed or implied.

### References:

- EH40: Occupational Exposure Limits - Current Edition (HSE Guidance Note).
- EH54: Assessment of Exposure to Fume from Welding and Allied Processes (HSE Guidance Note).
- EHSS: The Control of Exposure to Fume from Welding, Brazing and Similar Processes (HSE Guidance Note).

### Note to User:

This Data Sheet is not a substitute for the users own workplace risk assessment, which is required under COSHH (The Control of Substances Hazardous to Health) Regulations 1999.

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