

# Play Area Specifications



**All of our play structures are designed and manufactured in our 42,000 square foot facility here in the UK.** Our components including PVC, foam, netting, webbing, plastics, steel and fittings are purposely selected for their quality and durability. Conforming to European wide safety standards and complying with the advice and guidelines of RoSPA, ILAM, TUV and APAVE, our play area components are chosen with you in mind so we can provide a safe and durable product which will stand the test of time.



## Steel & Fittings

48.3mm diameter galvanised pipe. Assembled using Tube Clamp structural pipe fittings, manufactured to industry requirements and capable of supporting loads of up to 900kg.



## Decks, Floor Pads & Wall Pads

Made using combustion modified chipfoam, bonded with MDI prepolymer. All surfaces meet the critical fall height impact absorbency requirements of BS EN 1177. 50mm thick foam is used on floor pads and 38mm foam for decks and wall pads. All decks are constructed with 18mm thick plywood for increased strength and safety. Additional padding is used when required, for example on the underside of decks and in keeping with the RoSPA guidelines.



## Plastic Components (Polyethylene)

Excellent impact strength. High quality, smooth surface finish. Fully UV protected. Available in a range of colours and theming options. Used for components including slides, crawl tubes, activity panels and themed assemblies such as cars, boats and planes.



## PVC

Hardwearing, durable and tear resistant. Meets industry standards for strength, flame and water resistance. Contains no hazardous ingredients, in accordance with current guidelines. PVC is used to cover floor pads, decks, wall pads, structure padding and soft play shapes.

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## Netting

3.9mm braided Polyethylene netting. Exceeds strength requirements and meets flammability requirements of BS 5867. Anti-climb netting used on ground floors of structures and other areas, such as sides of slides.



## Structure Padding

High quality flexible closed cell polyethylene. Dust and fibre free. Manufactured to British Standards and is self extinguishing and drip free on exposure to fire. Covered with PVC and fastened securely to all exposed steel within the structure.



## Webbing

High quality 50mm woven black polyester webbing. Self extinguishing and flame resistant in accordance with standard JAR 25.853:1986. Excellent strength and stability. Comfortable to use and does not hurt feet like rope based events can. Used for web decks, web bridges, web tunnels and spiders web events.



## Soft Play Foam Shapes

Made with flexible polyether polyurethane foam. Allows for a wide range of shapes and designs. PVC covering allows for theming options on shapes in appliqué stitching. Meets combined safety test requirements for both foam and PVC products.



## Theming

High quality, individual illustrations, graphics, and logos can be digitally printed, or stitched in appliqué style. They can also be applied to floor pads, decks, drapes and soft play shapes.

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