RADIATOR PIPE BOXING SHIELD
PRODUCT DATA SHEET

THE PROBLEM

The comfort of individuals is essential when providing facilities to our nation's sick or aging population. Radiators are commonly used to heat buildings, and ensure cosiness. In central heating systems, hot water or steam is circulated by pumps through radiators within properties.

In public buildings, and residential care homes corridors and communal areas can be classified as high traffic areas. In these places the facilities must be able to withstand the constant flow of traffic, and also be able to resist the impact from mobility aids.

Radiators, valves, and pipework are especially vulnerable to impact which can result in the system failing to provide the required comfort for residents. Water leaks can also be caused upon impact, causing significant damage to buildings.

THE SOLUTION

The Clarke Delta Radiator Pipe Boxing Shield, which protects radiators, valves, and pipework whilst also allowing full access to valves. The shield can be manufactured to suit the height, and depth of the radiator. The sloping sides deflect impact away from the radiator, preventing damage.

Products are offered in a range of sizes manufactured to suit, with our standard specification being anti-bacterial powder coated 2mm thick zintec in RAL 9003. Although we do offer a standard product, we can supply a selection of materials, colours, and finishes to give our customers the best possible solution.

Site consultations can also be completed to ensure customers receive the best possible solution for their requirements.

Clarke Delta Ltd, 1 Horseshoe Paddock, Lawley, Telford, TF4 2PT.
Email: sales@clarkedelta.co.uk. Tel: 01952 404616

www.clarkedelta.co.uk

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MATERIAL
Electro Zinc Coated mild steel grade DC01 + ZE 25/25 to standard EN10152 : 2015.

Electro-Zinc Coated Steel sheet or Zintec is a cold rolled material that has been electrolytically coated with a thin layer of zinc.

Standard Thickness: 2mm

CONSTRUCTION
The Clarke Delta Radiator Pipe Boxing Shield consist of two major components:

1) Front Face
2) Internal Fixing Plate.

MANUFACTURE
All of our components are inspected to strict quality control measures. Components are manufactured by our network of ISO 9001 certified manufacturers.

SHAPE
Our standard design consists of a 90 degree bend allowing the shield to sit right against the radiator protecting the pipework, radiator, and valves.

The opposite sides consists of a 110 degree bend which creates a slope running away from the wall, deflecting equipment away.

A fully welded top, caps off the shield, and also adds to the robustness of the design.

SIZES
Products are offered in a range of sizes.

The standard requirement is for the shield to suit the height of the radiator that is protects.

The standard depth requirement generally matches the distance from the wall to the front face of the radiator.

CUT OUTS
To prevent the need for site cutting, and make the installation process more efficient we program cut outs during our manufacturing process.

CNC punch presses are used to create the cut outs, ensuring a factory finished edge.

FINISH
We offer polyester powder coating (PPC), as our preferred finishing method due to the quality of finish, full range of RAL colours and finishes available, scratch resistance, and a key factor being the environmental advantages.

Anti-bacterial powder coated.

COLOUR
BS4800 00E55 Semi Gloss (Antibacterial).

OPTIONS
We can supply a selection of materials, colours, and finishes to give our customers the best possible solution.

CONSIDERATION
If thermostatic radiator valves (TRV) are covered then a grille can be added to the radiator pipe boxing shield in order for the TRV to sense the ambient room temperature.

ENVIRONMENTAL
The shield is recyclable, iron and steel are the world's most recycled materials.

SERVICES
Site consultations can also be completed to ensure customers receive the best possible solution for their requirements.