PULTRUSION PROFILES
and
APPLICATIONS
Example of various shapes and size of pultruded profiles
Pultruded Rods and Tubes
APPLICATIONS OF PULTRUDED PROFILES
Large Structural Profiles used in the Construction Industry

Large Box, Channel & I Beam Profiles are used to make up structures for roof trusses, A frames and Space Frames
Various profiles that can be used in Industrial or Constructional applications
APPLICATION - BRIDGES

• Hand rails and pultruded walkways
Application – Oil and Chemical Industries

Hand rails and floor grating
APPLICATION – OIL & CHEMICAL INDUSTRIES

Hand rails and floor gratings
Box Sections

This picture shows the different designs/dimensions of box section that can be used for making hand rail systems.
Hand rail Box Section with shaped grab rail

This is another design of Handrail which is made up of a box section and a shaped channel section.
Pultruded Floor Grating

This is an assembled section of Floor Grating made up of three sections which includes an I beam, C Section and Rod profiles. These are glued into place to form this complete section.
FLOOR GRATING

6m lengths of pultruded floor grating
Cable Tray with Lid

Cable trays are used for housing electrical cables within buildings.
Cable Ladders

Cable ladders are used for transporting cables within roof and wall structures.
Cable ladder installation
APPLICATION – GAS, ELECTRICAL & IGNITIONPROOF AREAS

Extending Ladders, Ladder Platforms & Step Ladders
Profiles that make up Ladder Sections

Channel Sections for Upright sections of ladder the Steps are made from either the Step or Rung Profile
Application – Buildings, Chemical & Oil Plants

Caged Ladder system for sides of a tanks, Scaffolding Towers and platform ladders
Application – Radio & Telephone Antennas
Application – Security Fencing
Application - Gates
Application – Single Storey Building

- Pultruded Profiles made with jute fibres
APPLICATION - BUS PARTS
Stadium Seating

Stadium Seating made from pultruded planks
Door Frame profile

This is a door frame profile. We have shown this profile as this may also have an application within your country.
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