PERFECT ROUND CONCRETE COLUMNS

An innovation in the construction industry came about with the acknowledgement that cardboard tubes are the ideal solution for the creation of perfect circular concrete columns. Circular columns are the preferred choice in modern public offices and buildings such as hospitals, educational facilities, airports, shopping malls, and multi-storey car parks, primarily for their aesthetics, safety and low maintenance requirements.

FORM-A-ROUND circular cardboard tubes provide construction companies with:

- A fast, cost efficient and reliable method to create perfect round columns.
- Superior finish from Fairface and Standard versions.
- Concrete savings of up to 21.5% over square shaped columns.
- Circular columns provide uniform concrete cover all round for fire regulations.
- Left in place they protect new concrete from fast drying, frost and impact damage or staining.
- Pouring multiple columns together ensures colour match, savings on delivery charges and site time.
- Non stick surface - no oiling required providing easy use and stain free finish.
- No corners requiring protection thus reducing later maintenance costs and risk of injuries.
EASE OF USE

FORM-A-ROUND provides an easy to use system:

• Ready to use when delivered.
  • Simple to install, with pre-prepared kicker or timber grid base and timber top collar.
  • Lightweight - no mechanical handling required, reduced risk of personnel on-site injuries.
  • Side beam connections or alterations simply made on site by cutting mould where appropriate.
  • No mould cleaning, storage or maintenance required as all moulds are disposable.
  • Non stick liners provide for ease of removal by simply cutting away the mould.

MADE TO MEASURE

A major advantage of FORM-A-ROUND is the extensive range of sizes available.

Standard size range: 250, 300, 350, 400, 450mm Diameters
Special Diameters: large range from 100mm up to 1200mm.
Column Heights: from as low as required and up to 13m.

ON SITE LOCATIONS

The introduction of FORM-A-ROUND has proved so successful that virtually all major construction projects which require circular columns now use cardboard formwork.

Projects and Clients:

• UCC, UCD, DCU, UL, UU
• Dublin Corporation Civic Offices
• Boyne Valley Interpretive Centre
• Dublin Airport
• Sealink Terminal Dunlaoghaire
• Royal Dutch Embassy
• Intel
• Hewlett Packard
• Microsoft
• Maxtor
• The Square Tallaght
• Conrad Hotel
• Sandyford Industrial Estate (12 sites)
FORM-A-ROUND

Circular cardboard moulds have been used in the USA since the 1930's. Industrial Packaging Limited introduced the concept to Ireland and the U.K. markets in the 1980's with our FORM-A-ROUND range of products.

FORM-A-ROUND works on the same principle as plywood which has a strength about 300% greater than traditional board of the same thickness. Thin reinforced cardboard strips are laminated together with special adhesives around a forming mandrel, producing a circular shape which does not bend under pressure, has a 2:1 safety factor and exceptional strength. The circular shape ensures equal distribution of internal pressure as concrete is poured and sets.

Today most of Ireland's public sector and commercial developers make extensive use of the FORM-A-ROUND process for their concrete column construction requirements. Because of their simplicity, aesthetic appearance and long term low maintenance, circular columns give the builder, the architect, the developer and the user such benefits that the market for Form-A-Round's will continue to grow strongly.

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