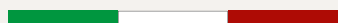


F.lli Rossetto

Since 1957

THE ADVANTAGES OF OUR
MOULDED POLYURETHANE
CHAIRS, ARMCHAIRS AND
DIVANS

www.rossetto.it



100% designed and made in Italy

WHY ARE OUR SEMI-FINISHED MOULDED POLYURETHANE SEATING PRODUCTS **QUALITATIVELY SUPERIOR** TO TRADITIONAL HANDMADE ONES?

Our constant commitment to technological research and innovation over the last 55 years has led to an evolution of soft seating production method from “traditional” to POLYURETHANE MOULDING. This process enable us to obtain SOFT SEATING of high QUALITY and DURABILITY. Below is a list of advantages of our cold cure polyurethane products compared to the traditional ones (ready to be upholstered by yourselves with fabric or leather).

OUR MOULDED POLYURETHANE PRODUCTS

(METAL FRAME + COLD-CURE PU MOULDING)



1

STRENGTH OF THE INNER FRAME due to:

- the use of a metal frame welded manually or by robot. Strength tests are available.

WEAKNESS OF THE INNER FRAME due to:

- frequent use of chipboard or reduced thicknesses wood.
- glued joints becoming loose over time, causing the frame to sway or break.



2

GOOD seat and backrest **COMFORT** thanks to:

- frequent use of prime-quality heavy-duty elastic straps
- the indeformability of polyurethane.

LOW seat and backrest **COMFORT** due to:

- stiffness of the inner wooden frame.
- deformability of cut foam.

3

UNIFORM SIZE OF MOULDED ARMCHAIRS

Since the armchairs are made from a mould, they always have the same size.

VARIABLE ARMCHAIRS SIZE

Since the armchairs are made by hand, they may have different sizes.

4

INDEFORMABILITY OF MOULDED POLYURETHANE thanks to:

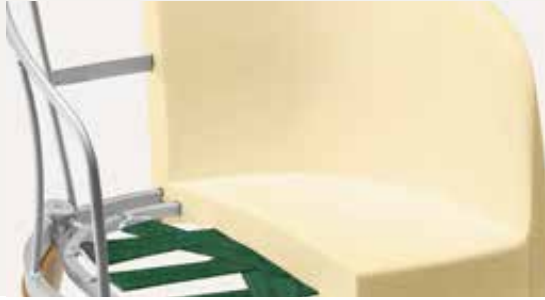
its 50-55 kg/mc density and its high level mechanical features.
The following mechanical resistance reports are available:

DIN EN ISO 1798:
tensile strength and elongation on breaking

UNI EN ISO 8067:
tear strength

UNI EN ISO 3386-1:
stress-strain/characteristics in compression

these prove the excellent quality of cold-cure moulded polyurethane.



SHORT/MID TERM DEFORMABILITY AND TEAR OF CUT FOAM due to:

• use of low density foams (generally 25-35 kg/mc), which have inferior mechanical characteristics.



• glued foams



5

OPPORTUNITY TO CREATE SHAPES which are not feasible with traditional method.



IMPRACTICABILITY OF SOME SHAPES

using wood or difficulty in cutting the foam out of a block.

6

GOOD ENVIRONMENTAL PROTECTION

Our polyurethanes are water expanded and they do not contain CFC (dangerous for ozone) or substances (metal catalysers) which are harmful for the environment. Durable products significantly reduce environmental problems related to their disposal.



LIMITED ENVIRONMENTAL PROTECTION

Cut foams are not very often water expanded and contain substances which are dangerous for the ozone layer or metal catalysers which are harmful for the environment. Furthermore, the disposal of non-durable products represent an environmental problem.

7

FIRE RETARDANT CLASSIFICATION

Our moulded polyurethane is always FIRE RETARDANT.
Please ask for additional information and test reports.



NON-FIRE RETARDANT CLASSIFICATION

Foams cut from block are not usually fire retardant. If fire retardant foam is necessary, it has to be specifically requested and a price surcharge is applied.

8

SIMPLIFICATION OF SUPPLY CHAIN MANAGEMENT

Semi-finished soft seating (without upholstery) is delivered complete from a single supplier, thereby simplifying supply chain management and material handling. This also resolves all issues related to coordinating the different suppliers providing the various components need to make the product.

INCREASED COMPLEXITY OF SUPPLY CHAIN MANAGEMENT

The various material parts used to make the armchair (wooden frame, foams, feet etc.) often come from different suppliers, thereby increasing the complexity of the supply management and material handling.



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