



FINISHINGS

MADE OF 0,9 TO 3 mm. THICK ROLLED STEEL PLATES, AS SPECIFIED BY THE UNE-EN 10130 REQUIREMENTS, GIVING HIGH STRUCTURAL STRENGTH AND RIGIDITY.

THE COMPLETE SET IS COATED WITH 0,8 TO 1 mm. THICK STAINLESS STEEL.

A.B.S. SIDE DEFENSES.
ACRYLIC "A.B.S." BUMPERS IN FRONT AND REAR SECTIONS.
ANODIZED ALUMINIUM BASEBOARDS FOR PROTECTION.

TECHNICAL SPECIFICATIONS OF COMPONENTS

TYPE: MOTOR DRIVEN DRUM (113 mm. Ø).
PROTECTION: IP67 IEC529 (DIN 40050).
VOLTAGE: 220 V. - 250 V.
CYCLES: 50 Hz.-60 Hz.
CONSUMPTION: 110 W.
SPEED: 0,52 m./seg.
OPERATING TEMPERATURE: FROM -10 °C. TO 40 °C.

CONVEYOR BELT

TYPE: 2 LM0291
N° OF LAYERS: 2
MATERIALS: SINGLE STRAND POLYESTER.
COATING:
-EXTERNAL: STATIC-PROOF P.V.C.
-INTERNAL: TEXTILE.
THICKNESS: 1,8 mm.

WORKING BY PEDAL IN STANDARD PRODUCTION

COATINGS

80 - 100 MICRONS ELECTROLYTICAL EPOXY POWDER, POLIMERIZED AT 200 °C. (WITH A WIDE RANGE OF COLOURS)

COATINGS ANALYSIS

CHEMICAL PROPERTIES

SALT SPRAY (ASTM B-117) >500 HOURS
MOISTURE TEST CHAMBER (DIN 50-017)
(FREE OF ANY BONDING LOSS OR BLISTERING) >700 HOURS
DISTILLED WATER DIVING (40°C.) >250 HOURS

STEEL SHEET PANELS PROTECTED BY COATING WITH 60 TO 80 MICRONS OF A MICROCRYSTALLINE PHOSPHATED COAT (132 OR 26-60-OC BONDER), POLYMERIZED AT 200°C., DURING 20 MINUTES, HAVE BEEN USED FOR CARRYING OUT THE CHEMICAL TESTS.

MECHANICAL PROPERTIES

BRIGHTNESS 60 (DIN 53151) >90 %
BONDING (2 mm. GRID SQUARE) (DIN 53151) 100 %
PENCIL-PROOF HARDNESS (INTA 160302-2) 3 HOURS
CONE SHAPED MANDREL (DIN 53156) 5 mm.
ERICHSEN DIC PRESSING (DIN 53156) >8 mm.
NOTCH STRENGTH (ASTM D2974) BALL 12,5 mm.
DIRECT 70 cm.
INVERSE 70 cm.
PERSOZ HARDNESS (INTA 16225) <300

STEEL PANELS PROTECTED FROM 50 TO 60 MICRONS THICK MICROCRYSTALLINE PHOSPHATED COATING (132 OR 26-6-OC BONDER) AND POLYMERIZED AT 200°C., DURING 20 MINUTES, HAVE BEEN USED FOR CARRYING OUT THE MECHANICAL TESTS.