

## **E 293 TRADITIONAL BENCH** **TECHNICAL DESCRIPTION**

### **DIMENSIONS**

LENGTH : 1900mm

WIDTH : 620 mm

### **COMPOSITION :**

- 2 CAST METAL BASES
- 8 WOODEN POSTS FOR SEAT AND BACK

**The bench consists of:** the seat, the back and two cast metal bases. The seat and the back are made of eight wooden posts dimensioned 70X35X1900mm. The back of the bench has suitable angle for more resting. The metal bases are made of steel with length 620mm and height 730mm. The cast metal bases anchored to the ground with bolts M6 and plastic UPAT  $\Phi 6$

### **MATERIALS**

#### **TIMBER**

Pine timber of Arctic cycle (Swedish) is used in accordance with EN 351.

#### **TECHNICAL DATA**

- Wood moisture: 8 – 12 %
  - Woodcutting: DIN 1052
  - Wood category: DIN 4074 , Group 1 – 2
- Gluing technical specifications
  - Glue joint strength: DIN EN 204 - D4
  - Humidity resistance: DIN 68 705 AW
  - Thermal resistance: WATT '91 > 7 N/mm<sup>2</sup>

#### **METAL PARTS**

The metal parts which are used for the construction (bolts) are from steel St-37 thermo galvanized or electro galvanized.

The dimensions of the metal parts are completely sufficient to accept the charges of force for which they've been studied. They have great resistance to the corrosion and to the big changes of the temperature.

#### **PAINT**

#### **LACQUERS**

Water – thinnable, quick drying finish, non – yellowing and biocide – free, excellent weather resistance and permanent flexibility very good anti – blocking properties in accordance ONORM S 2102 / TA – ABFALL / BRD – 55503

#### **PRIMING COATS**

Water – thinnable wood preservative penetrant, protects against blue disease and fungi that destroy the wood in accordance ONORM B3803 / DIN 68805



## **GLAZES**

Water – thinnable, environmentally – benign, antiblocking, biocide – free and breathable thick – coat glaze finish for dimensionally – stable outdoor components with excellent weather resistance in accordance ONORM S 155 – DIN 53160 EN 71 /3.

## **FOUNDATION – ASSEMBLY**

For the assembly and foundation of the construction detailed instructions are attached for your assistance.

Our company is in compliance with ELOT EN ISO 9001: 2000 and EN ISO 14001-2004.

**THE COMPANY TECHNICIAN**