

## REFINED MECHANICAL PULP MILL – DRVENJAČA D.D. FUŽINE

### Quality and technical characteristics of RMP

Refined mechanical pulp is produced by system of Metso Paper Oy (former Sunds Defibrator AB). as unbleached flash dried RMP, brightness (R457) of 40 – 45 % ISO or semibleached of 53 - 56 % ISO

Raw material: 100% coniferous mainly fir wood (Abies alba Mill.)

Mechanical pulp could be by order semibleached by Hydrogen peroxide to the brightness (R457) of 53-56% ISO. The semibleached pulp is therefore chloride free, TCF

Refining degree: 190-370 ml CSF (ISO 5267-2) respectively 30 – 45 °SR (ISO 5267-1)

Resin content in pulp is very low. By order it could be produced as mechanical pulp without of resin: i.e. Resin content: < 5 ppm

Finished product is passed in bales, dimension 670 x 870 x 550 mm, wrapped in paper and tied (bound) up with 2 galvanized wires.

RMP from «Drvenjača» d.d. Fužine is suitable for cardboard production

Paper sheet properties:

Breaking length: 1000 – 1800 m (ISO 1924-1)

Tearing index: 2,50 – 3,00 mNm<sup>2</sup>/g

Burst index: 0,3 - 0,6 kPam<sup>2</sup>/g (ISO 2759)

Shives content: max. 2% (by Brecht – Hall)

Bulk: 2,5 - 3,0 cm<sup>3</sup>/g (ISO 534)