

WATER RESISTANT RECYCLED CARTONBOARD



LEVEL 1

Our basic water-resistant carton offers essential protection against moisture also in traditional freeze conditions. Ideal for applications requiring enhanced board stability and packaging look.

Available from RDM Santa Giustina, RDM Paprinsa, RDM Arnsberg **and now manufactured also in RDM Barcelona since Q2 2024!**

NEW

LEVEL 2

For packaging requiring increased resistance, we offer a hard sized carton. This involves treating the fibers and adding a special coating, making it ideal for deep frozen product facing significant temperature changes. Ensures durability and superior protection.

Manufactured in RDM Fiskeby.

LEVEL 3

For maximum humidity and water protection we can offer our plastic (PE) coated carton. It withstands direct contact with liquid spills without losing integrity. Providing the ultimate water barrier.

Manufactured in RDM Fiskeby.

REDUCING WATER ABSORPTION

The water resistance of different paper materials is measured on the Cobb scale. This tests the amount of water absorbed over a given time – usually 60 or 180 seconds. Rates are quoted in grams per square meter (g/m²) within the time period. The lower the Cobb value, the more water-repellent the cartonboard. At RDM Group we offer three grades of water-resistant recycled cartonboard, tailored to meet your specific needs.

GRADES*	COBB SCALE	RATES
Water Resistant When sizing is applied on the surface	COBB60s	<60 g/m ²
Hard - Sized When sizing is applied in mass	COBB180s	<60 g/m ²
Extra - Hard Size Very special grades and applications	COBB1800s	<100 g/m ²
Standard (Non Treated) A certain level of sizing is always needed	COBB60s	Up to 200 g/m ²

(* FROM HIGHER COBB (MORE WATER ABSORPTION) TO LOWER COBB (LESS WATER ABSORPTION)



Please feel free to contact us if you would like advice on the level of protection best suited to your needs.
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