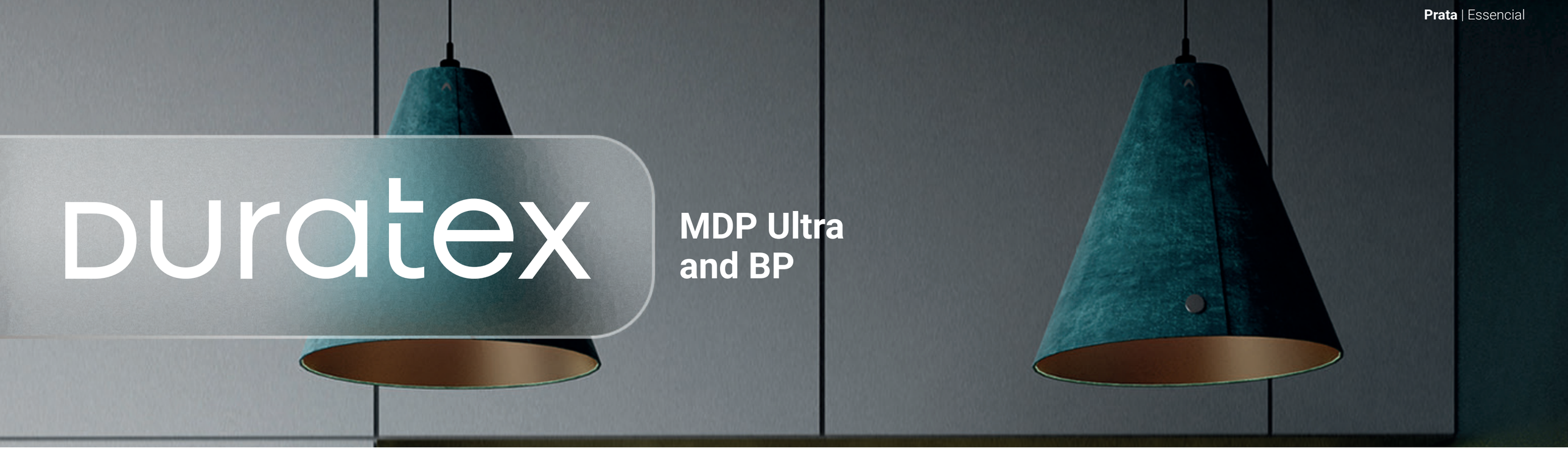


duratex

# MDP Ultra and BP

**MDP (MADEPAN) ULTRA** is an engineered wood panel produced from selected wood particles pressed in layers, with a thicker core and fine, compact, and uniform surfaces, resulting in a homogeneous and durable board. Its main characteristic is moisture resistance (MR), making it ideal for applications in humid environments. The material is easy to cut and drill, available in different thicknesses and dimensions, offers good dimensional stability, excellent surface screw-holding performance, and lightweight properties that facilitate transportation, handling, and assembly. Widely used in the furniture and woodworking industries for the manufacturing of residential and corporate furniture, countertops, cabinet sides, internal partitions, and shelves, it can receive different types of coatings and finishes such as paint, natural veneer, and laminate.

**MDP (MADEPAN) ULTRA BP** is a coated Ultra MDP panel finished with decorative laminated surfaces available in a wide variety of woodgrain patterns, fabrics, and modern textures, offering practicality and ready-to-use aesthetics. It provides enhanced surface resistance against scratches and stains, making it ideal for residential and corporate furniture, as well as planned interior environments. Easy to clean and maintain. Products with low formaldehyde emission (E1 Class), promoting safety and health care.

| | VARIABLES | | TECHNOLOGICAL PROPERTIES |
|---|---|---|---|
| RAW PANEL | NOMINAL THICKNESS (e) | mm | 15 -18 |
| | DENSITY | kg/m3 | 660 |
| | PERPENDICULAR TENSILE STRENGTH (Min. Avg.) | N/mm² | 0,45 |
| | FLEXURAL STRENGTH (Min. Avg.) | N/mm² | 14 |
| | MODULUS OF ELASTICITY (Min. Avg.) | N/mm² | 1.950 |
| | PERPENDICULAR TENSILE STRENGHT (Cyclic test) (Min. Avg) | N/mm² | 0,08 |
| | SURFACE TENSILE STRENGHT (Min. Avg.) | N/mm² | 10,8 |
| | 24H SWELLING (Max. Avg.) | % | 14 |
| | TOLERANCE ON NOMINAL DENSITY (Avg.) | % | ± 3 |
| | RESIDUAL MOISTURE (Avg.) | % | 4-11 |
| | FORMALDEHYDE EMISSION - E1 | mg/100g | < 8 |
| | THICKNESS VARIATION - (Max.) | mm | ± 0,2 |
| | LENGHT AND WIDTH - (Max.) | mm/m | ± 2,0, Máx. 5,0mm |
| | SQUARENESS - (Max.) | mm/m | ≤ 2 |
| | STRAIGHTNESS - (Max.) | mm/m | ≤ 1,5 |
| BP - COATED | GLOSS - AVERAGE | (UB) | 4-82 (ACCORDING TO THE SURFACE TEXTURE) |
| | HIGH TEMPERATURE RESISTANCE (Min. Avg.) | Classe | 2 - MODERATE EFFECT |
| | ABRASION RESISTANCE - SOLID COLOR (Min. Avg.) | Ciclos | Min. 300 |
| | ABRASION RESISTANCE - WOODGRAIN (Min. Avg.) | Ciclos | Min. 70 |
| | IMPACT RESISTANCE - CRACK (Min. Avg.) | mm | Min. 400 |
| | STAIN RESISTANCE (Min. Avg.) | Classe | 3 - SMOOTH EFFECT |