



COLORS &
EFFECTS

BASF
We create chemistry

Dispers[®] pigment preparations for identification of wood composites

Add values to your products with our colors

Identification of wood composites

Coloration of MDF/HDF and
particle boards to add value to the
product

- **Green or Blue:** moisture resistant particle board and low-swell MDF/HDF
- **Red:** fire retardant boards

Dispers[®] are waterborne liquid preparations based on organic and inorganic pigments well stabilized with an optimized blend

- for the marking of various wood composites
- environmental advantages (compared to dyes)
- very good light fastness
- easy to clean
- neutral pH-value



Dispers[®] product portfolio for identification of wood composites

Key benefits

Pigment preparations for identification of wood composites

Application	Trade name	C.I.	Characteristics	Pigment content (~%)	pH	Recommended dosage rate [-% color/dry fiber]
Moisture resistant MDF or Particle board for construction	Dispers[®] Green 8711	Mixture	pigment preparation, low concentrated	11	7 - 9	0.2 - 0.3
	Dispers[®] Green 8744	Mixture	pigment preparation, high concentrated	40	8 - 10	0.05 - 0.1
Fire retardant MDF or Particle board for construction	Dispers[®] Red 3855	Pigment Red 112	pigment preparation	50	7 - 10	0.25 - 1.00
Antistatic Particle boards	Dispers[®] Black 0076 (conductive carbon black)	Pigment Black 7	antistatic, functional properties avoiding electrostatic charge	27	7 - 8	4
Shuttering Panels	Dispers[®] Brown 3581	Mixture	pigment preparation	55	7 - 9	1 - 2

Key benefits of Dispers[®] Green 8744

- **No GHS* classification** → allows easy handling in productions, no special security measures (e.g. personal safety equipment) needed.
- **Better heat stability** up to 240°C than dyes → color stays unchanged at press surface during pressing process.
- **Better light fastness than dyes** → does not get destroyed on surface and cut surface after two days under indirect sunlight exposure (window glass). Identification is still possible after sunlight exposure.
- **Less remaining color than dyes** → easy to clean with water and thus, reduces time and effort spent on cleaning surfaces
- **Neutral pH-value** → does not influence the hardening of the glue



*GHS: Globally Harmonized System

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