

---

# Waterborne UV curable Resins



**BENASEDO**



# UV-Curable Resins - Glossy Formulation



## Idroben 737G

- ✓ High gloss 90- 95 on wood panels
- ✓ Fulfilment
- ✓ Flexibility
- ✓ Tacky before uv curing
- ✓ Persoz Hardness 210 220 (2% Irgacure 500)

### Product characteristic

Solids % (+/-1) 1h a 130°c )	40
Solvent	Water
Appearance	Milky
Viscosity (Brookfield @ 25° C)	50 – 1000cPs
pH	7,0 – 8,5
Functionality calculated	> 3



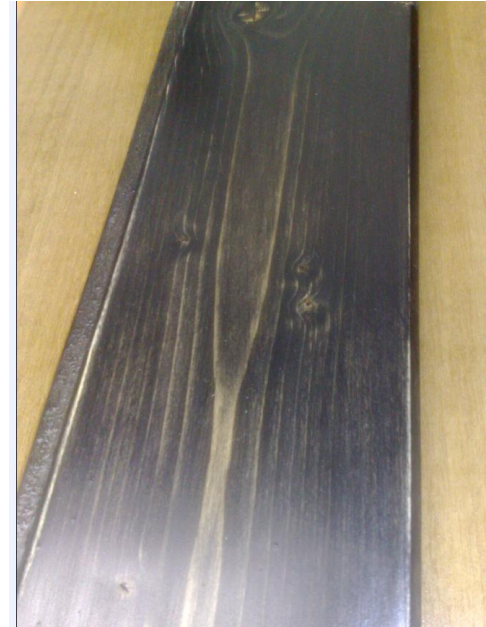
# UV-Curable Resins – Matt Formulation

## Idroben 747

- ✓ Good compromise flexibility /hardness
- ✓ Persoz hardness 200 – 210
- ✓ Tack free before uv curing
- ✓ Persoz Hardness 230 240 (2% Irgacure 500)

### Product characteristic

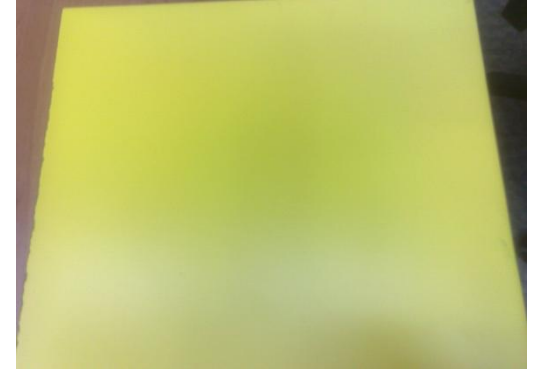
<b>Solids % (+/-1) 1h a 130°c )</b>	<b>40</b>
<b>Solvent</b>	<b>Water</b>
<b>Appearance</b>	<b>Milky</b>
<b>Viscosity (Brookfield @ 25° C)</b>	<b>50 – 1000cPs</b>
<b>pH</b>	<b>7,0 – 8,5</b>
<b>Functionality calculated</b>	<b>&gt; 3</b>



# UV-Curable Resins – Pigmented Formulation

## Idroben 76

- ✓ Excellent hardness (transparent) 270
- ✓ Persoz hardness pigmented white 220
- ✓ Persoz hardness pigmented Bordeaux 200
- ✓ Persoz hardness pigmented Yellow 175
- ✓ Tack free before uv curing



### Product characteristic

<b>Solids % (+/-1) 1h a 130°c )</b>	<b>40</b>
<b>Solvent</b>	<b>Water</b>
<b>Appearance</b>	<b>Milky/translucent</b>
<b>Viscosity (Brookfield @ 25° C)</b>	<b>50 – 800cPs</b>
<b>pH</b>	<b>7,0 – 8,0</b>
<b>Functionality calculated</b>	<b>&gt; 3</b>