

# resoltech 3200

Hardener 3205

Thinner DIL 3020

**Highly UV resistant acrylic varnish**



- Non yellowing
- Compatible with Resoltech's epoxy resins
- Resistant to outdoor conditions
- Transparent and glossy finish
- Spray gun application

## INTRODUCTION

3200/3205 system is an **non yellowing transparent acrylic varnish** especially formulated to protect Resoltech's epoxy resins.

As a finish coat, it will **protect epoxy parts from bleaching and yellowing** caused by sunlight and outdoor conditions.

This product is highly recommended for **furnitures (river tables), composite parts (carbon look), naval furnitures, sculptures, paints, jewels...**

It is compatible with all Resoltech's epoxy resins, after diluting with DIL 3020 thinner, **it can be applied with all kind of spray guns.**

Resistant to hydrolysis and to most common domestic products, this varnish will show **a high gloss, silky and scratch-resistant finish and incorporates fire retardant additives.**

## MIXING RATIO

The mixing ratio must be accurately followed. It is not possible to change the ratio.  
The mixture should be thoroughly stirred to ensure full homogeneity.

System	3200 / 3205
Mixing ratio by weight	100 / 50

## APPLICATION

- It is recommended to use the products at temperatures between 18-25 °C.
- Consumption : 100 to 150 g/m<sup>2</sup> per coat
- **For outdoor applications we recommend two coats. When applying 2 coats, it is recommended to wait 4 to 6 hours between layers without need to sand the first layer. If the overcoating time is greater than 12h, a light sanding of the 1st coat is recommended.**
- For guns parameters, please follow the below recommendations :

Type de pistolet	Spray gun	Mix gun	Airless
% of DIL 3020 thinner (on the mix)	5 - 10%	5 - 15%	5 - 20%
Nozzle size(mm)	1.2 - 1.5	0.6 - 0.9	0.9 - 1.1
Product pressure (bar)	1.5 - 2.0	0.5 - 1.5	800 - 100
Spray pressure (bar)	2.0 - 2.5	0.5 - 1.5	-

# PHYSICAL CHARACTERISTICS

## 1 Visual aspect

**3200 :**

Clear viscous liquid

**3205 :**

Clear liquid

**Mix :**

Clear liquid

## 2 Density

References	3200	3205
Density at 23°C	0.98	0.98
Mix density à 23°C	-	0.98

ISO 1675, ± 0.05 tolerance

## 2 Abrasion resistance

System	3200 / 3205
Mass loss over 1000 cycles	84 mg

Conducted on TABER 5155 ABRASSER Dual Rotatory at 20°C, load : 1 Kg, abrasive : CS : 17, speed 60 rpm After 7 days of hardening at 23°C

# DRYING AND HARDENING

Systems	3200 / 3205
Pot life	>2h
Dust free at 25°C	10- 15 min
Touch dry at 25°C	25 - 35 min
Overcoatable at 25°C	2-4h
Fully cured at 25°C	24h
Final hardness	7 days

## PACKAGING

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### 3200 / 3205 :

Bucket kit of 24.5 kg + 12.25 Kg

Bucket kit of 4.9 kg + 2.45 Kg

Box kit of 0.98 kg + 0.49 Kg

### DIL 3020 :

Box, 0.88 Kg

## TRANSPORT & STORAGE

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Keep containers sealed and away from heat and cold preferably between 10°C and 30°C in a well ventilated area. Our products are guaranteed in their original packaging (check expiry date on the label).

## HEALTH & SAFETY

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Skin contact must be avoided by wearing protective nitrile gloves & overalls or other protective clothing.

Eye protection should be worn to avoid risk of resin, hardener, solvent or dust entering the eyes. If this occurs flush the eye with water for 15 minutes, holding the eyelid open, and seek medical attention.

Ensure adequate ventilation in work areas. Respiratory protection should be worn with ABEKP coded filters.

Resoltech issues full Material Safety Data Sheet for all hazardous products. Please ensure that you have the correct MSDS to hand for the materials you are using before commencing work.



Les informations contenues sur cette fiche technique sont fournies de bonne foi et sont basées sur les tests de laboratoire et notre expérience pratique. Étant donné que l'application de nos produits échappe à notre contrôle, notre garantie est strictement limitée à celle de la qualité du produit.

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