

## ZGC ProFix – ZGC540

### EVA BASED HOT MELT ADHESIVE FOR STRAIGHT EDGE BANDING

#### CHARACTERISTICS AND APPLICATIONS

**ZGC ProFix – ZGC540** is a universal hotmelt adhesive for all common edging materials, e.g., solid wood, veneer, melamine, polyester, HPL\*, PVC\*, ABS\*, PP\*

#### KEY FEATURES

- Good thermal stability in the glue tank
- Good flow characteristics
- Good machine characteristics
- Very good wetting
- High final bond strength



#### PHYSICAL PROPERTIES AND TECHNICAL DATA

Chemical type	Ethyl vinyl acetate
Color available	Naturel, White, Brown, Black
Physical form/appearance	Solid granulated pellets
Viscosity (Brookfield Thermosel, Spindle #27)	70.000 +/-5.000 mPa.s @200°C 115.000 +/-5.000 mPa.s @180°C 160 .000 +/-5.000 mPa.s @170°C
Softening point	100°C -105°C ASTM D36/DIN 52 011 Ring and Ball method
Density at 20 °C [g/cm <sup>3</sup> ]:	1,33 +/- 0,05 g/cm <sup>3</sup>
Application temperature	180°C - 200°C
Feed speed	15-50 m /min.
Ambient and material temperature	> 15 °C
Pressure on edges	3–5 Kg/cm <sup>2</sup>
Shelf life	36 months

#### RECOMMENDATIONS

\*Frequently check the temperature of the glue on the rollers. Temperatures below the recommended value for application cause a decrease in open time with consequent defective gluing results; at higher temperatures the adhesive may decompose with the detriment of color, viscosity and adhesiveness.

\*When gluing cold or damp surfaces, gluing defects may occur due to the reduction in open time. In case of break of work, it is suggested to reduce of 30°C – 40°C the temperature in tray to avoid a degradation of the performance of the product.

\*Occasionally, unsatisfactory gluing results may be due to the type of edge or to the presence of release agents on the materials/panels; a preliminary test is therefore recommended. Should such problem occur, it is advisable to use a suitable preparatory

## CLEANING

First drain as much molten material as possible from the line.  
Then flush the unit with paraffin or a product that is recommended by the equipment manufacturer.

## PACKAGING

25 kg polyethylene valve bags

## STORAGE

In its original packaging the adhesive has a lifetime of 36 months from the date of production. Store in a cool dry place. Close the bags after opening to avoid contamination with dust.

## CAUTION/ Important Safety Information

Before using this or any other chemical product, be sure to read and understand the information on the Material Safety Data Sheet and Product Labels. Remain aware of potential hazards and follow all precautionary measures, handling instructions, and disposal considerations outlined in the MSDS and labels.

- \* Wear heat resistant gloves and face protection when handling hot melt adhesives.
- \* Avoid contact with melted product. Bodily contact can cause serious burns.
- \* If contact with hot product does occur:
  - A) Cool immediately by immersion in cold clean water.
  - B) Do not attempt to remove the cooled adhesive from the skin.
  - C) Cover contacted area with clean, wet compresses and get emergency treatment immediately.

## IMPORTANT READ CAREFULLY

The information and recommendations contained herein are derived from our research and information from other reliable sources. This data applies only to our products and not when used with other products. We believe in the reliability of our information. However, no guarantee is offered to that effect. It is the responsibility of the buyer to verify this data according to their own operating conditions to ensure that they conform to the purpose for which the product is intended, even before using it.

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