



# BOSTIK A740 HIGH GRAB EVOLUTION

## HIGH GRAB BIO-BASED ACRYLIC ADHESIVE

### TECHNICAL SHEET

Last modified 24/07/2024

#### KEY FEATURES

- 18% bio-based content
- High initial tack and end strength
- Easy to apply and clean
- Perfect adhesion without use of primer on targeted substrates
- Solvent free
- Paintable with water based and synthetic paints

### DESCRIPTION

Bostik A740 High Grab Evolution is a versatile adhesive based on acrylic dispersion with high initial tack. Featuring innovative renewable and plant-based raw materials, sourced from natural organic biomass resources. Tested according to the **EN 16640:2017** standard, Bostik A740 High Grib Evolution contains 18% bio-based material. Without compromising quality and performance of a top-class grab adhesive for all kinds of finishing works indoor.

### AREAS OF APPLICATION

Bostik A740 High Grab Evolution is the ultimate solution for bonding wood, chipboard, hardboard, as well as brickwork, stone, or concrete. In addition, it can also be used for bonding EPS and XPS ornaments and decorative trims. Designed for interior use only.

### DIRECTION OF USE

Adhesion tests prior to the application is recommended. To achieve the best results at least one of the two surfaces needs to be porous. Follow the below steps to apply the product:

#### PANEL APPLICATIONS

1. Apply Bostik A740 High Grab Evolution in 6mm beads 5cm from the edge and approximately 20 to 40 cm apart.
2. Immediately press the panel firmly against the wall. Additional support may be required for up to 24 hours.

#### BATTENS, SKIRTING AND OTHER APPLICATIONS

1. Apply the adhesive equally in dots or stripes 20 cm apart.
2. The material must be put into place by moving slightly and applying an even pressure. Finally press firmly. Additional support may be required for up to 24 hours.

The adhesive cures due to evaporation of water to form a strong and durable bond.



### TECHNICAL CHARACTERISTICS

<b>Application rate</b>	Ø3mm/4 bar	33 g/min.
<b>Application temperature</b>		+5°C to +40°C
<b>Base</b>		Bio-based Acrylic
<b>Curing time</b>	@ +23°C/50% RH	1mm/24 hours
<b>Density</b>	ISO 1183-1	1,34 g/ml
<b>Flow</b>	ISO 7390	0mm
<b>Frost resistance during transpiration</b>		up to -15°C
<b>Skin formation</b>	DBTM 16	4 in min. @ +23°C/50% RH
<b>Temperature resistance</b>		-20°C to +50°C.

*These are typical values*

## LIMITATIONS

- Not suitable for continuous exposure to water.
- Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates.

## SURFACE PREPARATIONS AND FINISHING

Application temperature +5°C to +40°C (applies to environment and substrates). All substrates must be solid, clean, dry, and free of grease and dust. Substrates to be cleared of all loose particles, absorbent substrates do not need to be fully dry. Very porous substrates like: gypsum, aerated concrete, limestone, etc., need to be primed with a mixture of 1 part adhesive and 2 parts water. Always test adhesion prior to application.

## PAINTABILITY

Once fully dry, Bostik A740 High Grab Evolution can be painted. However, during the curing process, the product may shrink, potentially leading to paint cracking. It is compatible with both water-based and synthetic paints, although highly filled water-based paints may cause cracking. We advise testing compatibility with paint before application.

## CLEANING

Uncured material and tools can be cleaned by either water or Bostik cleaning wipes. Once cured, material can only be removed mechanically. Hands can be cleaned with Bostik wipes.



## STORAGE

Store between +5°C and +25°C and in shaded conditions. Shelf life is 18 months when stored as recommended in original unopened packaging.

## SUSTAINABILITY FEATURES

<b>Bio-based content</b>	18% according to EN 16640:2017 standard
<b>Recycled content</b>	Yes 40% PCR cartridge
<b>Generic EPD</b>	EPD-DBC-20220147-IBF1-EN

## CERTIFICATIONS

	EMICODE EC1 PLUS
	A+ French VOC Regulation

## HEALTH & SAFETY

For more details, consult the safety data sheet on: <https://bostikdsd.thevercs.com/>

The application recommendations are defined by standards of use. They are imperative to respect them, but they don't need a previous try, especially for a first use or particular inconvenient of support, site or environment. Consult our safety data sheets for precautions to use.

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