



TECHNOFIX HSC is a water based adhesive, specially designed to be used in lamination and, as a general rule, in the lamination of paper and fine cardboard by means of such plastics as polypropylene, polyethylene, polyester...

TECHNICAL CHARACTERISTICS

Physical form	Whitish liquid
Solids (%)	54 +/- 2
Density	1,04 +/- 0,02 gr/cm ³
Viscosity (DIN 4 cup, 20°C)	18 +/- 1 sec.

PARAMETERS OF APPLICATION

Application temperature	70-80 °C
Dosage	6-10 gr/m ²

APPLICATION

TECHNOFIX HSC is applied by means of conventional laminating machines equipped with integrated drying units. The application temperature of **TECHNOFIX HSC** ranges between 70° and 80°C.

DOSAGE

The rate of glue depends on the base material to be treated. The usual quantity ranges between 6 and 10 gr/m².

TRANSFORMATION AND CROSSLINKING

In general the application of this adhesive in lamination can be carried out at room temperature.

Thanks to a good adhesion and quick curing, the item produced can be handled after 24 hours from its lamination. At the end of a week the item is completely cured.

CLEANING

Any part of the machine having been exposed to direct contact with the product ought to be cleaned with suitable cleaners immediately after the operation.

FINAL PROPERTIES OF THE ADHESIVE

Once cured and completely dried, the adhesive film is transparent, odourless, elastic and resistant to ageing.

PACKAGING

TECHNOFIX HSC is delivered in 1.000 kg containers.

CERTIFICATION

Our laminating adhesives comply with the existing EU legislation particularly with regards to its use within the food industry (direct contact with foodstuff)

USEFUL LIFE AND STORAGE

TECHNOFIX HSC has to be kept tightly closed in its original container and stored at a temperature between 5 and 20°C. Since the useful life varies a lot due to reasons beyond the manufacturing and the packaging processes of the product (storage conditions, carriage, etc), we guarantee the perfect condition of the product up to six months from its manufacture. Should the product be used after that date, some preliminary tests must be carried out.

SAFETY AND HANDLING

Although the components of **TECHNOFIX HSC** show a low DRAIZE irritation index, the product should be handled cautiously, avoiding the contact with the skin, particularly with the eyes. There is also a Safety Data Sheet available for this adhesive.

REMARKS

Owing to the variety of working conditions, to the materials to be used and to the different nature of the products to be packed, our above indications should be considered for guidance only. We recommend carrying out preliminary tests in order to check whether there is any incompatibility with the adhesive during and after the lamination process.

The information given herein is, to the best of our knowledge, true and accurate, but it is given as guidance only and is not to be taken as a warranty of results.