



POLYURETHANE ADHESIVE. (KF11P)

DESCRIPTION.

Kingfisher KF11P Adhesive is a moisture curing, single part, polyurethane based adhesive specifically designed for the woodworking industry, for wood to wood bonding. It can be used to bond many types of plastic foams and other insulating materials to a wide variety of both rigid and flexible facing materials. Such composites form sandwich panels and insulated building boards and may be used in the manufacture of cold stores, caravans, mobile homes and offices, insulated building units etc. Kingfisher KF11P has a short open time which gives fast cure rates.

SURFACE PREPARATION.

Materials to be bonded should be clean and free from dust, grease and other contaminants. N.B. A test panel should always be prepared when new materials are to be used to establish the compatibility of the adhesive.

APPLICATION

Kingfisher KF11P is suitable for application by trowel, notched spreader, or poly bottle. Application should be to one surface only of the components to be joined.

The amount of adhesive used will vary according to the porosity/smoothness of the substrates and the method of application, but will normally be in the range of 80 – 149 gms per square metre. The average coverage rate will be approximately 12.5 sq. metres per kg.

The materials should be assembled as soon as possible and placed under pressure within 5 minutes. The pressure to be applied will vary dependant upon the nature of the substrates but should usually be in the range of 0.5 bar to 0.9bar.

Pressure should be maintained until the adhesive is sufficiently cured to permit handling of the bonded items

CURE TIME

Full cure of Kingfisher KF11P is obtained after 24 hours and for the best results handling within this period should be kept to a minimum.

The open time and cure cycle to permit handling will vary according to

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| 1. Temperature | 2. Method of working |
| 3 Weight of adhesive applied. | 3. Substrates being bonded |

and should always be determined by experiment.

Processing Guide.

Temperature ° C	15	20	25
Open time (mins)	10	6	3
Cure time (mins)	30	20	10

STORAGE and HANDLING

Kingfisher KF11P is brown in colour, is supplied in 1 litre plastic bottles and has a shelf life of 3 months. The product is moisture sensitive and if left open to atmosphere will eventually gel. It should therefore be stored in a frost free, dry environment, with the cap tightly closed.

HEALTH & SAFETY

The product has a flash point of 150° C.

Before using Kingfisher KF11P please ensure that you have read the relevant Material Safety Data Sheet.

Kingfisher Product Information.11P.

Further Health and Safety information on this product is provided in the MSDS, copies of which are available the Kingfisher Technical Dept Tel. 01229 869100 or Fax 01229 869101.