

REF: 4289DDS
Issued: 12th May 2021

PU4289D CONTINUOUS LAMINATING ADHESIVE FOR PANEL SYSTEMS

DESCRIPTION

PU4289D has been developed for use on Duemas Continuous Laminating machine using Duemas easy clean heads. It is a CFC free, formulated liquid, which when reacted with D3488B produces a highly reactive foaming adhesive. It is particularly suited for the continuous laminating of steel faced, mineral wool, EPS or PIR panels.

PRODUCT APPLICATION

The application of PU4289D will vary on use and ambient conditions. Accordingly our Technical Department should always be consulted before PU4289D is used for the first time

TYPICAL SPECIFICATION

	PU4289D PART A RESIN	D3488 PART B HARDENER
Colour:	Pale straw coloured liquid	Dark brown liquid
Density:	1.047 g/cm ³	1.235 g/cm ³
Ratio (wt):	1	1.18
Ratio (vol.):	1	1
Ratio (100g cup test)	45.9g	54.1g
Viscosity at 23°C:	800 ± 150 mPa.s	300 ± 75 mPa.s
Cream Time at 19°C:	10 – 14 s	
Gel Time at 19°C:	31 – 43s	
Tack Free Time at 19°C:	33 – 49s	
Density:	116 kg/m ³	
Typical Coat Weight for EPS:	100 – 150 gsm	
Typical Coat Weight for Mineral Wool:	150 – 250 gsm	

STORAGE

Stored in original unopened containers, PU4289D will have a shelf life of at least 6 months. Containers should not be subjected to excessive warmth or cold, ideal storage temperature is 13-30°C. PU4289D and D3488B are susceptible to moisture and therefore drums should be tightly resealed after opening.

PACKAGING

PU4289D and D3488B are supplied in either 200kg drums or 1250kg IBC's.

HEALTH & SAFETY

D3488B contains a non-volatile isocyanate. Avoid prolonged contact with skin. In cases of contact with eyes, flush out with excess water and seek medical attention.

Smoking in the vicinity of the adhesive or contact with red hot surfaces must not be permitted as the vapour inhaled under these conditions can be injurious to health.

ADDITIONAL PRECAUTIONS

Ensure effective extraction to maintain the working environment below the OEL for Diphenylmethane di-isocyanate.

Use industrial safety gloves.

Use suitable eye protection.

Before use ensure that you have read the relevant Health and Safety Data Sheet for this product.

The company will supply, upon request, individual advice in writing in connection with the use and application of its products in all appropriate cases. Customers are urged to make use of this service.

This leaflet is provided for general guidance only. All recommendations and suggestions are made in good faith but without guarantee and are subject to the company's terms and conditions.