



DUNAPOL™ AD 3140 MCP

Rev. N° 5 - Date 01/20/2016

Description

One-component structural polyurethane adhesive	
Expansion	Medium
Hardening at room temperature	Medium
Adhesion	Very good
Water resistance	Excellent
Chemical resistance to solvents	Fair
Chemical resistance to acids and alkalis	Good
Viscosity	Very low
Not filled	
Flexible	

Typical Uses

Glueing of various materials

Suggested Materials

Expanded materials (polyurethane, polystyrene, phenolic etc.)
Wood
Concrete
Ceramics
Stone
Aluminium
Steel

Characteristics

Colour			Amber
Density (25°C)	ASTM D891	g/ml	1,07-1,09
Viscosity (25°C)	ASTM D2196	mPa s	1500-2000
Minimal application temperature		°C	+10
Open time (25°C) film		h min' sec"	30'-40'
Gel time (25°C) film		h min' sec"	1h-1h10'
Press time (25°C)		h min' sec"	3h-4h
Coverage rate		g/ft ²	9.3-27.9
Suggested thickness		mm	0,1-0,3
Press pressure (25°C)		kg/cm ²	1-5
Non volatiles		%	100
Storage temperature		°C	15-35
Shelf Life		Months	12

Application

It is possible to distribute by hand with a spatula, trowel, notched trowel, brush, roller, trowel or spray.

It is possible to distribute by dispensing machines.

Areas must first be degreased, chemically and/or mechanically treated.

Hardening occurs due to humidity in the air or water nebulization. Water nebulization is necessary when the surfaces to be glued are non porous. With porous surfaces it is possible to spray water in order to improve and accelerate the reaction. Attention: water nebulization reduces the indicated reaction times considerably.

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Storage

Lifetime of products is referred to materials stored in sealed containers in dry rooms, at recommended temperatures and protected from direct sunlight.

The expiry date is printed on the packaging.

The moisture and/or storage in humid conditions may affect the characteristics of the components.

Wherever possible apply products in ventilated areas, wearing gloves, protective eyewear, barrier creams and suitable protective clothes.

Avoid contact with unhardened materials.

In case of accidental contact with the skin, wash with lukewarm water and soap for at least 10 minutes. Do not wash affected areas with solvents as this may increase contamination.

Remarks

For usage information, personal protective equipment, transport, storage and disposal of waste it is essential to refer to the Material Safety Data Sheets.

The information and data contained on this technical sheet refers only to samples tested in our laboratory and indicative of the characteristics obtainable under controlled conditions. DUNA-USA Inc. does not accept responsibility for incorrect use of its products and cannot ensure the correct methods of application have been followed.

This Technical Data Sheet cancels and replaces any other previous issue.

The reported data outline typical characteristics and do not constitute specifications of sale.

DUNA-USA Inc. reserves the right to change the data in this information sheet without notice.
