

## ACCESSORIES

# DIAMAT GLUE

Specific polyurethane adhesive for the *Diamat* cushioning mat for the creation of multipurpose fields of the MAT System

***Diamat Glue* is a two-component polyurethane sealant to ensure the adhesion of the *Diamat* cushioning mat to various types of substrate. The adhesive is a product of the MAT System for the realization of multipurpose fields. Easy and fast to apply, for both outdoor and indoor use.**

## BENEFITS

- Excellent adhesion on concrete and asphalt.
- Elasticity and durability.
- Resistant to temperature changes.
- Ease of application.

## YIELD

0,6 kg/m<sup>2</sup> in a single layer.

0.13 lb/ft<sup>2</sup> in a single layer.

## COLORE

Transparent.

## PACKAGING

- Part A = 20 kg / 44.10 lb plastic bucket
- Part B = 4 kg / 8.82 lb metal bucket

Pallet:

- 1 pallet part A = 36 buckets + 4 buckets (40 buckets) = 800 kg / 1763.7 lb
- 1 pallet of part B = 16 boxes of 5 buckets each (80 buckets) = 320 kg / 705.5 lb

## APPLICATION FIELDS

Adhesive designed for laying the *Diamat* cushioning mat. The product ensures perfect adhesion to various types of support in concrete, asphalt or wood. The product is part of the MAT System and is used for the construction of non-professional multipurpose fields. It can be applied indoors and outdoors.

## STORAGE

The product must be stored in its original containers perfectly closed in well-ventilated areas, away from sunlight and frost, at temperatures between + 5 °C

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(+41 °F) and + 35 °C (+95 °F). Storage time 12 months.

## PREPARATION OF THE SUPPORT

The substrate must be completely hardened, dry and with sufficient strength. The surface must be carefully cleaned, well consolidated, without friable and inconsistent parts, perfectly leveled and must not have any stagnant water.

### Concrete

In the presence of cracks restore them with suitable cement mortar.

### Asphalt

Once the asphalt has cooled down and completely matured, proceed with the laying of the *Diamat*.

For support not present in the technical data sheet, contact the Diasen technical office.

## MIXING

Before proceeding with the application, perfectly mix the two components (A + B) of *Diamat Glue* at low speed in order not to incorporate air with a professional type mixer until obtaining a homogeneous, lump-free mix. Never dilute and never add extraneous components to the mixture.



The indications and prescriptions given, while representing our best experience and knowledge, are to be considered indicative and must be confirmed by comprehensive practical applications. Diasen does not know the specificities of the process, let alone the determining characteristics of the application support. Therefore, before using the product, the applicator must in any case carry out preliminary tests, to verify the perfect suitability for the intended use and, in any case, assumes any responsibility that may arise from its use. In case of uncertainties and doubts, please contact the technical office of the company before the start of the work, it being understood that this support is a simple aid for the applicator, which must in any case guarantee the possession of adequate skills and experience for the laying of the product and for the identification of the most appropriate solutions. Always refer to the latest updated version of the data sheet, available on the website [www.diasen.com](http://www.diasen.com) that cancels and replaces each other.

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## MAT SYSTEM - MULTI-PURPOSE SPORT SYSTEMS – Application

1. Apply *Diamat Glue* in a single layer with an American trowel in the right yield in order to perfectly cover the surface.
2. Immediately after applying the adhesive, lay the Diamat rolls carefully. The application surface must be completely covered by the mat. Diamat must be laid before the complete drying of the *Diamat Glue* adhesive.
3. Once the mat is fully laid, proceed with the application of the coating for *Floorgum Paint* multipurpose sports surfaces (see technical data sheet).
4. After drying *Floorgum Paint*, use the acrylic paint *Colorflex* for the demarcation of the lines of play (see technical data sheet).

## DRYING TIME

At a temperature of 23°C (+ 73.4 °F) and relative humidity of del 50% the product dries in 4 hours.

- Drying times are influenced by the relative humidity of the environment and by the temperature and can also vary significantly.

## INDICATIONS

- Do not apply with ambient and substrate temperatures below + 5 °C (+ 41 °F) and above + 35 °C (+ 96 °F).
- During the summer season, apply the product in the coolest hours of the day, away from the sun.
- Do not apply with imminent danger of rain or frost, in conditions of strong fog or with relative humidity higher than 70%.
- During the winter season the substrate must be perfectly dry. Moisture can cause blanching and detachment.
- Verify the presence of adequate slopes to allow the flow of water.

## CLEANING

The equipment used can be washed with water before the product hardens.

## SAFETY

During handling, always use personal protective equipment and follow the instructions on the safety data sheet for the product.

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### Technical Data

Features		Units	
Yield	0,6	kg/m <sup>2</sup>	
	0.13	lb/ft <sup>2</sup>	
Appearance	Liquid	-	
Color	transparent	-	
Density	1,4	kg/m <sup>3</sup>	
Dilution	do not dilute	-	
Application temperature	+5 /+35	°C	
Drying time (T=23 °C / +73.4 °F; R.H. 50%)	4	hours	
Storage	12 months in original packaging	months	
Package	Part A	20 kg / 44.10 lb plastic bucket	kg / lb
	Part B	4 kg / 8.82 lb metal bucket	kg / lb
	1 <b>pallet</b> part A	800.0	kg
	36 buckets + 4 buckets (40 buckets)	1763.7	lb
	1 <b>pallet</b> of part B	320.0	kg
16 boxes of 5 buckets each (80 buckets)	705.5	lb	



### ACCESSORIES

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