



MAXCLEAR® PAV

BINDER RESIN FOR DUST CONTROL, EROSION CONTROL AND SOIL STABILIZATION

DESCRIPTION

MAXCLEAR® PAV is water-based acrylic resin specifically designed as binder of aggregates and fine particles for dust control, erosion control and soil stabilization.

APPLICATIONS

- Dust control on unpaved roads, paths, parking lots, etc subject to vehicular traffic.
- Dust control on proximities to construction sites.
- Airports and heliports, military facilities, etc.
- Golf courses, recreational areas, cycle paths, etc.
- Access to quarries and mines.
- Soil stabilization, consolidation of slopes, road subgrade consolidation, etc.
- Erosion control against water, wind, storms, etc.
- Fixing decorative aggregate or sand on pedestrian areas, roundabouts avenues, parks, gardens, etc.

ADVANTAGES

- Reduces dust emission and increase impact resistance of surface.
- Reduces surface erosion by abrasion and loss of soil by environmental conditions, wind, water, etc.
- Non-toxic, non-corrosive and non-flammable. It contains no metal particles or solvents.
- Excellent resistance to weathering and UV rays.

APPLICATION INSTRUCTIONS

Surface preparation

Previously compact and level properly the ground according to type of use expected, and provide the necessary drainage slopes if required.

Application

Aggregate binder

Aggregate shall be clean, free of fine particles, dust, salt or other contaminants, and preferably dry, though some residual moisture is allowed. Use an aggregate size as compact and uniform as possible, in order to optimize the properties of the mix. Perform previous tests to verify the proper ratio and type of aggregate to be mixed for the application required. Check the Consumption Table of **MAXCLEAR® PAV** depending on the aggregate size used.

Mix mechanically **MAXCLEAR® PAV** with the aggregates by standard concrete mixer until achieve a homogeneous mix.

Apply immediately after mixing by trowel or rule, without pressing excessively, in layers from 3 to 5 cm thick, and according to the type of aggregate size and intended use of the pavement.

Perform final compaction by mechanical power trowel. Avoid overworking the mixture. Its placing and finishing should be performed within 30 minutes.

Sprinkler application

Apply **MAXCLEAR® PAV** pure or diluted with water, according to the type of soil and intended use, by spraying with manual or mechanical means, until full saturation of surface but allowing its penetration without forming puddles. Ensure **MAXCLEAR® PAV** is fully absorbed.

On highways and roads, the results will be optimized if after application a vibro compactor 15 to

25 tons is used for surface finish. After vibro compaction and once the first coat is absorbed, apply a second coat. On clay soils a longer drying time will be required.

Application conditions

Do not apply if rain is expected within 24 h. Do not apply to frozen or frost-covered surfaces. Do not apply with substrate and/or ambient temperature is at or below 5 °C, or when temperatures are expected to fall below 5 °C within 24 h.

Cleaning

All mixing and application tools, and equipment must be cleaned immediately with water after use.

CONSUMPTION

Aggregate binder.

Aggregate size (cm)	Consumption MAXCLEAR® PAV on weight of aggregate (%)
0,5 - 1	7 - 8
1 - 1,5	5 - 6
1,5 - 2	3 - 4
2 - 5	2,5 - 3,0
> 5	2,0 - 2,5

Sprinkler application.

Use	Dilution ratio	
	Resin	water
Dust control without traffic on slopes and soils	1	1 - 3
Unpaved roads with light traffic	1	1 - 2
Unpaved roads with heavy traffic	1	0 - 2
Runways, airport and helipad	1	0 - 1

MAXCLEAR® PAV has an estimated consumption of 0.8 to 1.2 l/m² applied in one or two coats, prior to dilution. Consumption may vary depending on porosity, intended use of the surface and application method. Perform a test on job-site to determine consumption exactly.

IMPORTANT INDICATIONS

- Perform a test on job-site to determine previously the proper consumption, ratio of dilution and final performances required.
- Do not apply if rain is expected within 24 hours.
- For any application or further information not specified on this Technical Bulletin, consult the Technical Department.

PACKAGING

MAXCLEAR® PAV is supplied in 25 litres drum, 220 litres drum and 1000 litres container.

STORAGE

Twelve months in its unopened and undamaged original packaging. Store in a cool, dry and covered place, protected from moisture, frost and direct sunlight, with temperatures above 5 °C.

SAFETY AND HEALTH

MAXCLEAR® PAV is not a toxic product but skin and eye contact must be avoided. Use rubber gloves and safety goggles during application. In case of skin contact, wash affected area with soap and water. In case of eye contact, rinse immediately thoroughly with clean water but do not rub. If the irritation persists, seek medical assistance. Consult the Material Safety Data Sheet for MAXCLEAR® PAV.

Disposal of the product and its packaging should be carried out according to the current official regulations and it is responsibility of the final user of the product.

TECHNICAL DATA

Products characteristics	
Colour and general appearance	Milky liquid
Density (g/cm ³)	1,05 ± 0,1
Solid content, (%)	24±1
pH	8 ± 1
Solubility	Complete
Flash point	Non flammable
Toxicity	Non-toxic
Corrosive	Non-Corrosive
Flammability	Non-Flammable
Resistance to hydrolysis and moisture	Resistant

GUARANTEE

The information contained in this leaflet is based on our experience and technical knowledge, obtained through laboratory testing and from bibliographic material. **DRIZORO®**, **S.A.U.** reserves the right to introduce changes without prior notice. Any use of this data beyond the purposes expressly specified in the leaflet will not be the Company's responsibility unless authorised by us. We shall not accept responsibility exceeding the value of the purchased product. The data shown on consumptions, measurement and yields are for guidance only and based on our experience. These data are subject to variation due to the specific atmospheric and jobsite conditions so reasonable variations from the data may be experienced. In order to know the real data, a test on the jobsite must be done, and it will be carried out under the client responsibility. We shall not accept responsibility exceeding the value of the purchased product. For any other doubt, consult our Technical Department. This version of bulletin replaces the previous one.



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