

## Prima Play® - DATA SHEET

### SPORTS AND PLAYGROUND SURFACES SYSTEM

Prima Play® is an **environmentally friendly** system with acrylic resin in water dispersion and fillers, developed as a solution for **bicycle paths, sidewalks, outdoor multipurpose sports facilities and Play areas.**

It is ideal for the restoration and beautification of damaged surfaces, for the protection and coloring of bituminous or cementitious surfaces in environments with heavy pedestrian traffic, for pedestrian and bicycle paths, surfaces in stadiums or sports facilities in general or for Play areas.

Also applicable on worn or new asphalt substrates, provided they are sound and cohesive.

A wide range of colors (NCS) for a valuable esthetic effect and high technical performances, such as good slip resistance, high elasticity and the correct coefficient of restitution (rebound) of the game balls.

Prima Play® respects the environment as it is made from VOC certified free products.

### BENEFITS

#### ENVIRONMENTAL BENEFITS

Prima Play® is a system that respects the environment and are certified with very low emissions VOC.

#### ECONOMIC BENEFITS

Fast application and therefore shorter construction times. Minimum thicknesses and low costs.

#### RESISTANCE AND SAFETY

Durable in freeze-thaw cycles, non-slip, can also be used on damp surfaces.

#### CYCLING AND PEDESTRIAN

They have high mechanical resistance and are suitable for both pedestrians and cyclists.

#### MAINTENANCE

Simple ordinary and extraordinary maintenance and lower operating costs.

#### APPLICATORI FIDUCIARI



#### CERTIFICAZIONI

OS 6 Class. II  
OS 26 Class. III bis  
OG 1 Class. I  
OG 3 Class. II

#### COMPAGNIE ASSICURATIVE



#### ASSOCIAZIONI



## Dati Tecnici

Product identification data	
Apperance	Pastry liquid
Color	optionally, NCS range, about NCS
Dry residue (%)	about. 71
Density (g/cm <sup>3</sup> )	about 1,43
Application Data	
Dilution ratio:	5-15% max of water
Waiting time between coats :	12-24 hours, depending on humidity and temperature, and in any case apply completely to the underlying layer.
Application temperature :	from +5°C to +35°C
Consumption (kg/m <sup>2</sup> ):	- surface of bituminous conglomerate (fine carpet abrasion) - guide consumption of about 1.50 kg/m <sup>2</sup> , applied with two hands; - smooth cement surface or non-absorbent surfaces - guide value for consumption of approx. 1.00 kg/m <sup>2</sup> , applied with two hands.
Final Performance	
VOC content in the ready-to-use, colored product European Directive 2004/42/CE (g/l)	≤ 50
Slip resistance –EN 13036-4 Wet surface	≥ 55 (classe III per l'esterno, secondo EN 1504-2)
Abrasion resistance -EN ISO 5470-1, wheel H22, weight 1000 g, 1000 cycles (g)	< 1,5
Factor of water absorption by capillarity W <0,1	< 0,1
Crack resistance - static crack bridging EN 1062-7	class A4 (> 1,25 mm)
Crack resistance - dynamic crack bridging EN 1062-7	class B4.1
Fuel resistance (UNICHIM N. 394 par. 6.4), ANAS 2133/0359/11 test report	no defects
Lubricants resistance (UNICHIM N. 394 par. 6.3), motor oil, ANAS 2133/0359/11 test report	no defects
Resistance to saline solutions (UNICHIM N. 394 par. 6.2), NaCl e CaCl <sub>2</sub> sature solutions, ANAS 2133/0359/11 test report	no defects
Skid Resistance (Sliding Friction) (UNI EN 1436), ANAS 2133/0359/11, BPN test report	62 (class S4 (SRT ≥ 60))

PERFORMANCE FEATURES CE CERTIFICATION -EN 1504-2, SYSTEM 2+ E 3 - CLASS ZA.1d + ZA.1e + ZA.1f + ZA.1g (C / PI - MC - PR - RC - IR)			
NORM	TEST	RESULTS AND COMPLIANCE WITH REQUIREMENTS	
EN 1062-6	Permeability to CO <sub>2</sub>	μ:	408.790
		SD (m):	818
		dry thickness relative to SD (m):	0,002
		result/class:	conformity (SD > 50 m)
EN ISO 7783	Permeability to water vapor	μ:	1781
		SD (m):	3,6
		dry thickness relative to SD (m):	0,002
		result/class:	I (SD < 5 m)
EN 1062-3	Water absorption by capillarity	w [(kg/(m <sup>2</sup> ·h))]:	0,02
		result/class:	conformity (w < 0,1)
EN 1062-11 4.1	Thermal compatibility: aging: 7 days to +70°C	result/class:	conformity (adhesion ≥ 0,8 N/mm <sup>2</sup> )
EN 13687-1	Thermal compatibility: cycles of freeze-thaw with immersion in de-icing salts	result/class:	conformity ( adhesion ≥ 0,8 N/mm <sup>2</sup> )
EN 13687-2	Thermal compatibility: cycles thunderstorms	result/class:	conformity (adhesion ≥ 0,8 N/mm <sup>2</sup> )
EN 13687-3	Thermal compatibility: cycles thermals without immersion in de-icing salts	result/class:	conformity (adhesion ≥ 0,8 N/mm <sup>2</sup> )
EN 1062-7 statico	Cracking resistance	crack bridging ability (μm):	2121
		result/class:	A4 (> 1,25 mm)
EN 1062-7 dinamico	Cracking resistance	result/class:	B4.1
EN 13687-5	Frost resistance	result/class:	conformity (adhesion ≥ 0,8 N/mm <sup>2</sup> )
EN 1542	Direct traction adhesion test	result/class:	conformity (adhesion ≥ 0,8 N/mm <sup>2</sup> )
EN 13501-1	Reaction to fire	euro/class:	B -s1
EN 13036-4	Slip resistance	result/class:	III, outdoor (> 55 units for wet surface test)
EN 1062-11:2002 4.2	Exposure to agents weather	result/class:	conformity
EN ISO 5470-1	Abrasion resistance	Δ wheel weight H22, 1000 cycles (g):	< 1,5
		result/class:	conformity (Δ weight < 3 g)
EN 13529 - gruppo 3	Chemical resistance – Group 3 (oil / fuel)	result/class:	class II (28 days)
OTHER PERFORMANCE FEATURES			
NORM	TEST	RESULTS	
UNI 7928	diffusion of chloride ions	penetration (mm):	0,0

## Where

Coating of bituminous and cementitious substrates.

Protection and coloring of surfaces made of bitumen or cement conglomerate in environments with heavy pedestrian traffic, for pedestrian and bicycle paths.

Protection and coloring of surfaces made of bitumen or cement conglomerate in stadiums or sports facilities in general or in Play facilities.

Coloring and protection of bituminous or cement conglomerate surfaces where high slip resistance is required, even in wet conditions.

Protection and horizontal signage of access or escape routes, such as external stairs or concrete ramps.

Coating and coloring of waterproofing systems subject to heavy foot traffic.

Coloring and protection of concrete architectural elements.

## Supports

Concrete

Draining concrete

Asphalt

## Suggested preparing operations

- Sanding
- Mechanical suction of the surface

## Application

Do not apply Prima Play® when rain is imminent or on windy days.

Do not apply Prima Play® to wet or damp surfaces as Prima Play® adhesion may be affected.

Do not apply Prima Play® below +10°C or at temperatures above +35°C.

Do not apply the product when humidity exceeds 85%.

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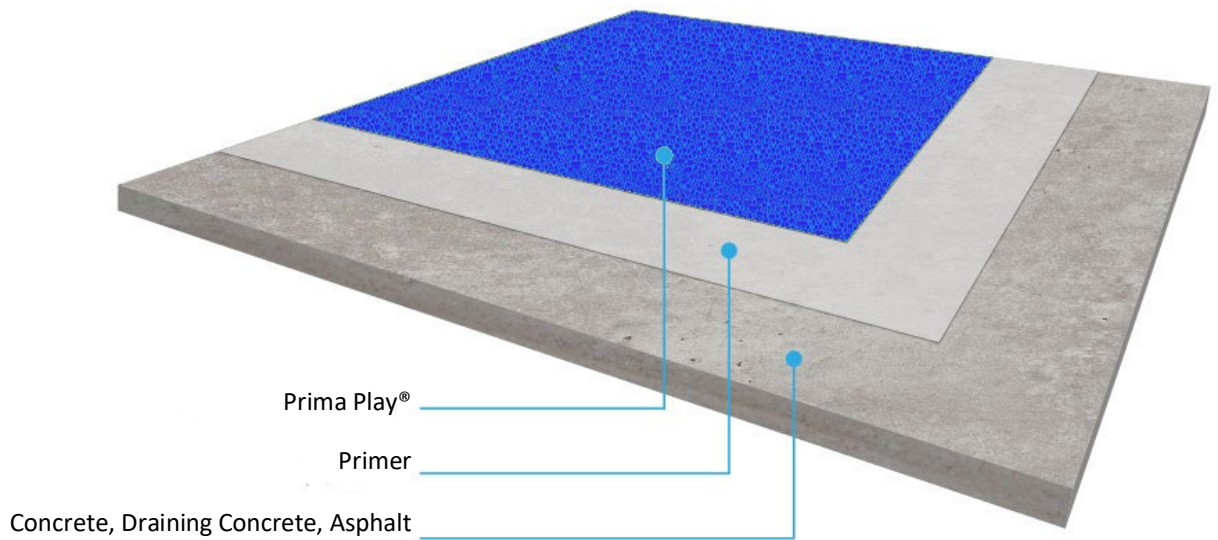


### ASSOCIAZIONI



## Stratigrafia

Prima Play® concrete, permeable concrete or asphalt substrate - Pedestrian and cycle paths



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