

Advanced  
Pavement  
Systems




Certified Quality System since **FEBRUARY 1993**





**From Project to Jobsite**

## Protective Finishing system for concrete floors

### Tecnopav EP 215 TRANSPARENT

#### PROTECTIVE COATING PHYSICAL RESISTANCE

CYCLE  approved – Certificate n. 1305 - CPD - 0809  
**EN 1504-2 prospect ZA.1f**

- General*  Epoxy-amine two-component product, not filled, solvent free, hardening at ambient temperatures.
- Characteristics*  Easy application  
Optimal adhesion  
Excellent chemical resistance  
Good abrasion resistance  
Transparent clear film, not yellowing
- use*  As top coating for the realisation of a transparent film for floors, at low thickness, 100-200 micron, for inside of civil or industrial buildings.  
**Ecological system.**
- Application*  **Tools:** short haired roller or by airless spray equipment, nozzle 18/ 21.  
**Applied on:** cycle Tecnopav EP 205 or Tecnopav EP 215 (see Technical Datasheets)  
**Temperature of application:** 10 ÷ 35°C and relative humidity max. 60%  
**Clean tools with :** water and solvents for epoxy

### APPLICATION METHOD

#### METHOD OF USE

Make sure the room is well ventilated and follow the recommendations stated in the Material Safety Data Sheet on the use of PPE (Personal Protective Equipment).

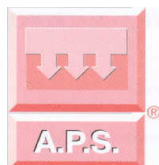
After drying, the second layer of colored finish Tecnopav EP 215, proceed with the application of **Tecnopav EP 215 TRANSPARENT**, one layer, as follows:

- Pour under slow stirring, the part B into part A, mix for 2-3 minutes, or until a completely homogeneous mixture with a suitable drill mixer at low speed.
- Apply with short nap roller or, for large surfaces with airless spray.

**Do not apply at temperature below 10° C.**

#### APPLICATION CONDITIONS

Temperature of substrate	: +10°C / +35°C
Humidity of substrate	: ≤ 4%
Ambient temperature	: +10°C / +35°C
Relative humidity ambient	: max 60%
Dew point	: the substrate and the product must be at a temperature of minimum 3°C above the dew-point to reduce the risk of condensation.



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### PACKAGING

☒ supply - kg

Component	a	b	a+b
pail	5,5	4,5	10

### STORAGE

Store the original and unopened packaging at a temperature between + 5°C and + 35°C. Product can be kept 12 months from the production date.

### TECHNICAL CHARACTERISTICS

APPLICATIVE CHARACTERISTICS at 20 ± 2°C	Test method	Unit of measurement	Typical values	
Stoichiometric mixing ratio in weight	-	A : B	5,5:4,5	
Dry residue	-	%	62±2	
Consumption per layer	-	g/m <sup>2</sup>	100÷150	
Final dry thickness (per 100 g/m <sup>2</sup> )	EN 1062-1	μ	~ 50	
Specific weight	EN ISO 2811-1	Kg/l	~ 1,08	
Viscosity Brookfield LV	EN ISO 3219	cP	300÷450	
Pot life	EN ISO 9514	minutes	150 ± 30	
Workability time	EN ISO 9514	minutes	60±10	
Touch dry	I – 54 (intern)	hours	~ 10	
Completely hardened	-	days	7	
Gloss	Gloss meter REFO 60	-	>70	
PERFORMANCE CHARACTERISTICS	Test method	Unit of measurement	Typical values	Limit values according EN 1504-2
Adhesion direct pulling on concrete (EP 215 cycle)	EN 1542	N/mm <sup>2</sup> Type of failure	> 4 A = failure in concrete	≥ 2 (with traffic)
Capillary water absorption and permeability	EN 1062-3	Kg/m <sup>2</sup> xh <sup>0,5</sup>	0,0062	< 0,1
Abrasion resistance (H22, 1000 cycles, load 1000 g)	EN 5470-1	mg	601	< 3000
Wear resistance	EN 6272-1	Nm	>10 (class II)	≥ 4 (class I) ≥ 10 (class II) ≥ 20 (class III)
Resistance to thermal shock	EN 13687-5	N/mm <sup>2</sup> Type of failure	A=failure concrete >3	≥ 2 (with traffic)

The above data are based on our actual and most experienced practical and laboratory knowledge and the results are collected from application of the product in different situations. Tecnochem Italiana does not assume any responsibility regarding inadequate or negative performance as a result of improper use of the product or for defects deriving from factors or elements other than the quality of the product including improper storage. The technical characteristics and performance mentioned in this datasheet are updated periodically. The revision dates and number of revision of the datasheets are listed in the table below. Eventual variations are traceable on our website [www.tecnochem.it](http://www.tecnochem.it) where the most updated datasheets can be retrieved.

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