

PRODUCT DATA

PEGAKOTE

Andrews Coatings Ltd
Carver Building
Littles Lane
Wolverhampton
West Midlands
WV1 1JY

Tel. 01902 429190

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DESCRIPTION

2-component water dilutable epoxy coating.

MAIN PROPERTIES

Very hard - exceptional abrasion resistance - resistant to oils and solvents.
Solvent free, almost odourless and easy to clean.

RECOMMENDED USES

For garages, warehouses, showrooms, corridors, indoor car parks, workshops, etc.
Only for indoor works, as well for floors as for walls.

TECHNICAL DATA

Appearance:	Semi-gloss (gloss 60°: ±50%)
Colour:	Standard colours + Mathymix / ColourShop
Density:	± 1,45 g/cm ³ (mixture)
Solids Content:	In volume: 48 - 50% In weight: 64 - 66%
Recommended film thickness:	Wet film: 200 micron (cons.: 300 g/m ²) Dry film: 100 micron (cons.: 300 g/m ²)
Flashpoint:	Not flammable
Taber Abrasion:	Weight loss after 1000 cycles: ± 60 mg (CS10, load: 1000 g)
VOC-content:	0 g/l max.
Ready-for-use mixture:	10 g/l max.
Category:	A/j
EU Limit values:	140 g/l (2007) / 140 g/l (2010)

Drying times 20°C/60% r.h.

To touch:	9 hours. 18 - 20 hours for saturated and deep colours (base ED, TR, YE)
To recoat:	24 hours. At lower temperatures (8 - 10°C), this product can only be recoated after min. 48 hours.
Full hardness	7 days

Coverage

Theoretical:	1st coat: 200 - 300 g/m ² 2nd coat: 300 - 400 g/m ²
Practical:	Practical coverage depends on many factors such as porosity and roughness of the substrate and material losses during application.

SURFACE PREPARATION

The substrate should be dry and clean, free from ascending humidity and sufficiently coherent (tensile strength min. 6 kg/cm²).

Pegakote can be applied directly on most mineral substrates (f.i. old concrete, tiles, glass etc.). Curing compounds in case of poly-concrete have to be removed by means of sand or grit blasting. On new concrete or non-porous concrete, remove cement grout by sand or grit blasting, treatment with diluted hydrochloric acid at a ratio of 3 l hydrochloric acid to 10 l water or with Surfa-Etch 108. For these two last solutions, there is obligation to rinse abundantly and to allow drying through of the surfaces.

Porous substrates shall be impregnated with Pegakote diluted with 10 to 20% water.
Pegakote may not be applied on an elastic paint coat or a moving substrate.

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DIRECTION FOR USE

To ensure homogeneity, coating materials should be thoroughly stirred prior to use.

APPLICATION & THINNING

- Brush: If necessary, dilute with water.
- Roller: Dilute 1st coat with max. 10% water.
Apply 2nd coat undiluted.
- Air-atomised spray: Not recommended.
- Airless spray: Nozzle: 021 - 023 / Pressure: 220 bars.
1st coat: dilute with 5 - 10% water.
2nd coat: dilute with max. 5% water.
- Cleanup: Water.

APPLICATION CONDITIONS

Minimum 8°C and maximum 80% R.H.

REMARKS

1. In order to become a solid gloss finish, please respect the consumption quantities of the second layer, this means that a tin of 4 kg has to be applied on a surface of 10 – 13 m².
2. Always provide a good air ventilation; so even when it rains, windows and doors have to be opened wherever possible.
3. The 2 components must be mixed under mechanical agitation.
4. Potlife after mixing component A and B: 2 hours.
5. For use on floors submitted to heavy abrasion, standard and medium colours are recommended. In case of deep and/or bright tones (red, yellow, orange, green, blue etc), it is advised to apply a clear topcoat.

SAFETY

Consult Safety Data Sheet and Safety Information printed on the can.

SHELLIFE / STORAGE CONDITIONS

2 years from date of production in unopened cans, if stored in dry, well ventilated areas, not in direct sunlight at temperatures between 5° and 35°C.