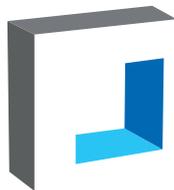




AMPUR MP

Topshelf materials, Topnotch solutions



AMPUR[®]
Resin Floorings



POURED
SYSTEM

BROADCAST
SYSTEM

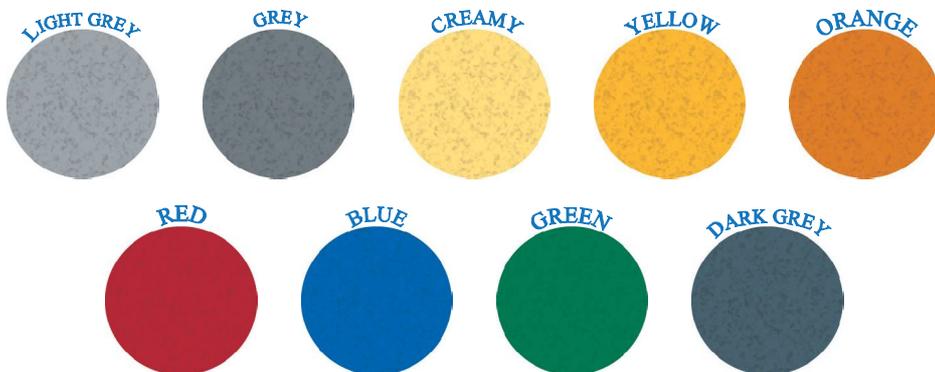
TROWELED
SYSTEM

WALL
SYSTEM

www.en.ampur.pl

Advantages and benefits of using AMPUR MP Systems

1. Can be applied on high humidity surfaces
2. Full adhesion to concrete surfaces
3. Short curing and seasoning time
4. High thermal and shock resistance
5. Extremely high chemical resistance
6. High mechanical parameters
7. Safe and non slippery texture
8. Impermeability and monolithic structure
9. Easy to clean and disinfect
10. Neutral to ambient con



Chemical resistance guide for AMPUR MP systems

- Resistance of all AMPUR MP systems and materials depends on the type of aggressive agent and its concentration, as well as exposure time and exposure temperature
- Material samples were seasoned for 7 days at 7°C
- The following characteristics were examined: appearance, weight and thickness of the resistance to scratching

| No. | Chemical compound | Concentration [%] | Temp. [°C] | CR Class |
|-----|------------------------------|-------------------|------------|----------|
| 1. | Water (distilled) | 100 | 100 | I |
| 2. | Sodium chloride | (filled) | 100 | I |
| 3. | Sodium hypochlorite | 10 | 50 | I |
| 4. | Sugar | (filled) | 100 | I |
| 5. | Sodium hydroxide | 50 | 50 | I |
| 6. | Sodium hydroxide | 50 | 100 | II |
| 7. | Ammonia | 25 | 20 | I |
| 8. | Calcium chloride | 50 | 20 | I |
| 9. | Iron (III) chloride | 25 | 20 | I |
| 10. | Hydrogen peroxide | 30 | 20 | I |
| 11. | Acetic acid | 5 | 75 | I |
| 12. | Acetic acid | 25 | 20 | I |
| 13. | Acetic acid | 25 | 75 | II |
| 14. | Acetic acid | 100 | 20 | III |
| 15. | Hydrochloric acid | 35 | 20 | I |
| 16. | Hydrofluoric acid | 20 | 20 | II |
| 17. | Sulfuric acid | 50 | 20 | I |
| 18. | Phosphoric acid | 50 | 100 | I |
| 19. | Sulfuric acid | 50 | 100 | II |
| 20. | Nitric acid | 65 | 20 | III |
| 21. | Ethanol | 100 | 20 | I |
| 22. | Ethylene glycol | 100 | 100 | I |
| 23. | Acetone | 100 | 20 | II |
| 24. | Xylene | 100 | 20 | I |
| 25. | Vegetable oil | 100 | 20 | I |
| 26. | Gasoline | 100 | 100 | I |
| 27. | Dichloromethane | 100 | 20 | II |
| 28. | Dimethylformamide | 100 | 20 | III |
| 29. | N-Methyl-2-pyrrolidone (NMP) | 100 | 20 | III |
| 30. | Phenol | 10 | 20 | III |

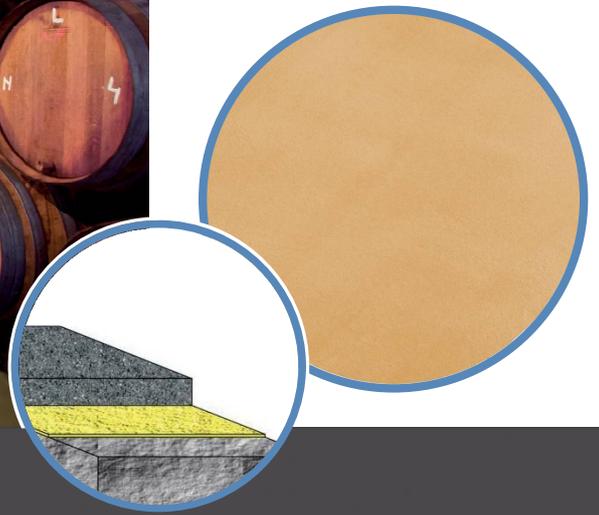
Where:

- I - means full resistance (resistant for 30 days, possible changes in colour)
- II - means partial resistance (resistant for 3 days)
- III - means non-resistance (changes are visible after 1 hour)

General characteristics of AMPUR MP system

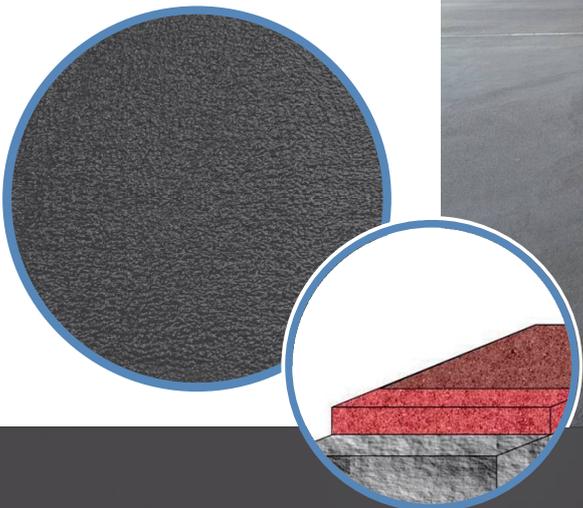
POURED system

Double-coat, coloured, smooth material (3,0 - 6,0 mm thick). Easy to clean, but displays lower thermal resistance. Recommended for places where highly aesthetic and low thermal loads (max. 85 °C) are required.



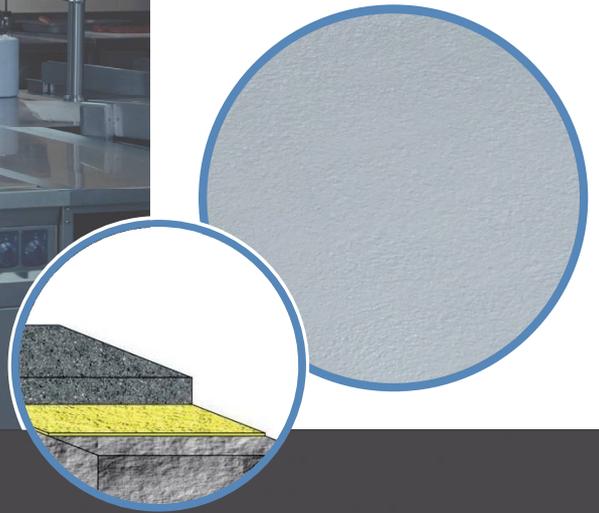
BROADCAST system

Three-coat, coloured, with non-slippery texture (4,0 - 10 mm thick). Recommended for places where higher non-slipperiness is required (R = 11 - 13).



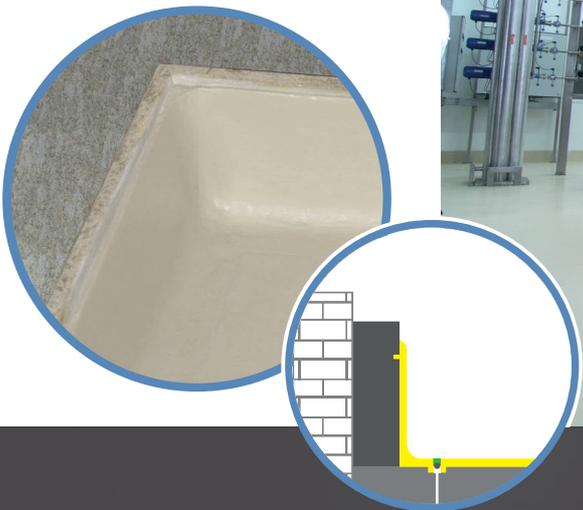
TROWELED system

Double-coat, coloured, non-slip system, 6,0 - 12 mm thick. High thermal resistance (according to thickness), easy to clean. Recommended for places with high thermal load and medium non-slippetiness.



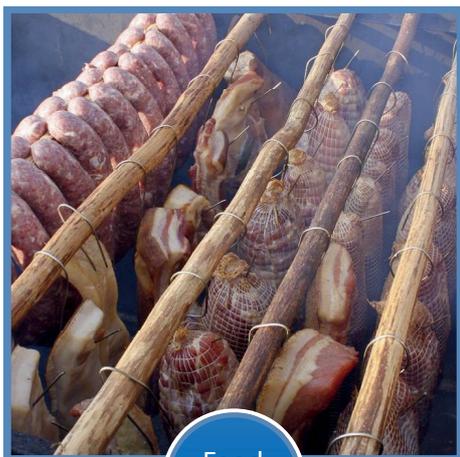
WALL system

Multi-coat, coloured, smooth material, 3,0 - 6,0 mm thick. Easy to clean, but displays low thermal resistance. Recommended for places where highly aesthetic and hygienic properties, as well as lower thermal loads (max. 85 °C) are required.



Sample applications of AMPUR MP systems

Our materials and solutions can be widely used both for laying new surfaces and performing small repairs on the existing surfaces. They can be utilized particularly in **food processing and food preparation industry** (smoke-houses, slaughter plants, meat processing plants, refrigeration plants, freezers, dairies, kitchens, bakeries, fryers, drying rooms, pasteurization plants, sewage treatment plants, washing plants), **juice and beverage production** (warehouse for fruit and vegetables, freezers, souring plants, breweries, wine houses, distilleries), **chemical industry** (tanks reloading, wet production industry, galvanizing plants, waste collection and segregation plants, warehouses, laboratories, printing offices), as well as in **transport industry** (gas stations, reloading and driveway ramps, parking lots).



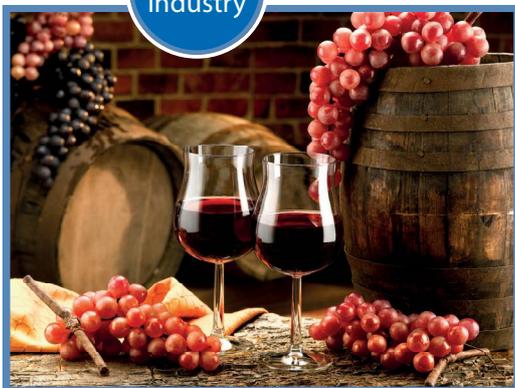
Food industry



Car washes



Beverage bottling plants



Food industry



Sewage treatment plants



Slaughter plants



Heating plants

Basic parameters of AMPUR MP systems

1. Company : **PPHU AMPUR Piotr Mundzia**
2. Appearance : **coloured, mat, non-slippery**
3. Colour : **as per standards/agreements (RAL)**
4. Thickness : **3,0 - 12,0 mm**
5. Thermal resistance : **up to 125 °C**
6. Fire resistance class : **Bfl - s1**
7. Hygienic approval : **HK/B/1274/01/2013**
8. Adhesion to concrete : **min. 2,5 MPa**
9. Impact resistance : **min. 10 Nm**
10. Abrasion BCA : **3 µm**
11. Water permability : **below 0,1%**
12. Vapour permeability : **3 – 10 g/m² x 24 h**
13. Compression strenght : **50 MPa**
14. Bending strenght : **12 - 15 MPa**
15. Tensile strenght : **5 – 10 MPa**
16. Curing time (per coat) :
 - Foot traffic : **12 h (15 °C)**
 - Vehicle traffic, cleaning with water : **24 h**
 - Complete curing : **7 days**



AMPUR MP



AMPUR[®]
Resin Floorings

Contact us

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