

KDF

POLYFLAKE INDOOR DECORATIVE FLOORING



KDF

KDF LTD (www.kdf.gr) is one of the most dynamic and export-oriented Greek companies (currently activated in more than 44 countries in 4 continents), producing and trading a wide range of building materials and complete systems (industrial, decorative and sports flooring, waterproofing materials, strengthening and repairing materials, concrete and mortar additives, paints and varnishes).

KDF goes far beyond trade, providing consultancy in marketing and also technical support all the way, from the costing till the finalization of the project. Operating under the requirements of ISO 9001/2008 for production, trade and also application, we make sure our products are first applied successfully at site by our own people before we launch them abroad.

Therefore, our systems have all stood the real life test in different climates, from Middle East till Russia, and this is one of our main assets, enabling us to provide full and vertical technical support from specifying to final application plus supervision when required or even full application and costing.

We invite you to discover a world of industrial and decorative flooring expertise and solutions.

VIEW OUR NEW INDUSTRIAL-DECORATIVE FLOORING CATALOGUE HERE

VIEW OUR NEW SPORTS FLOORING CATALOGUE HERE



PHOTOGRAPHS OF PROJECTS



TECHNICAL DESCRIPTION

POLYFLAKE

Indoor Decorative Flooring



Colored, epoxy or polyurethane decorative artistic in situ-applied flooring with embedded colored chips/flakes, for residential, commercial or exhibition areas. Creates a high-aesthetics, durable flooring for indoor and outdoor areas.

Ideal for commercial, business and recreational areas like conference halls, night clubs, hotels, beach bars, shops, restaurants & kitchens, garages, locker rooms & restrooms, schools, hospitals, lobbies, walkways, chemical processing plants.

Preparation – Application

Applied only on dry, smooth concrete or other porous, stable surfaces like marble without arising humidity issues and free of materials that might prevent bonding e.g. dust, loose particles, grease etc. The success in the application depends on the right preparation of the underlay and use of the material.

- Applied only on dry, smooth surfaces. Protected from arising humidity and free of materials that might prevent bonding e.g. dust, loose particles, grease etc. The success in the application depends on the right preparation of the underlay and use of the material.
- Treatment of the surface with grinding machine (mosaic machine, milling machine, scarifier, sandblasting or rotor machine) depending on the thickness of the final coating.
- **Good, dry** cleaning of the surface from dust and residues with vacuum cleaner and squeegees.
- Priming of the surface with **POLEPOX-PR 824** until the surface is saturated and a film is created. Consumption: 250-600 gr/m² in two or more layers depending on the absorption of the underlay.

- After hardening of the primer (2-12 hours depending on the ambient temperature) and within 24 hours, follows the application of **POLEPOX COAT 814**.
- The tool which to be used depends on the desirable thickness.
- Toss **POLYFLAKE** chips evenly, in a high arcing motion into the wet epoxy. Allow to cure. Scrape off excess flakes.
- Apply clear **PU VARNISH 807** coat, chemical resistance or **PLASTICOAT 850**, epoxy, clear, coat.

Colors: Following colorchart

COLORCHART

Sophisticated



B-701

1/4"



1/16"



B-702

1/4"



1/16"



B-703

1/4"



1/16"



B-704

1/4"



1/16"



B-705

1/4"



1/16"



B-706

1/4"



1/16"



B-707

1/4"

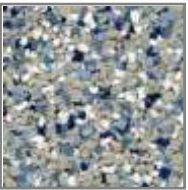


1/16"



B-708

1/4"



1/16"



B-709

1/4"



1/16"



B-710

1/4"



1/16"



B-711

1/4"



1/16"



B-712

1/4"



1/16"



B-714

1/4"



1/16"



B-715

1/4"



1/16"



B-716

1/4"



1/16"

The colors may vary slightly from the original due to digital representation.

Contemporary



B-601

1/4"



1/16"



B-602

1/4"



1/16"



B-603

1/4"



1/16"



B-604

1/4"



1/16"



B-605

1/4"



1/16"



B-606

1/4"



1/16"



B-607

1/4"



1/16"



B-608

1/4"



1/16"



B-609

1/4"



1/16"



B-610

1/4"



1/16"



B-612

1/4"



1/16"



B-613

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1/16"



B-614

1/4"



1/16"



B-615

1/4"



1/16"



B-616

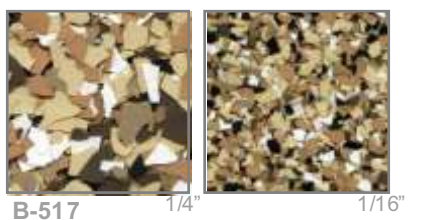
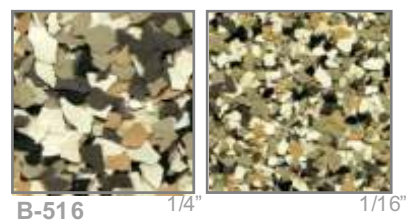
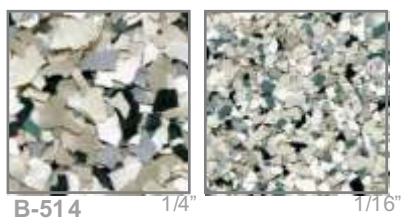
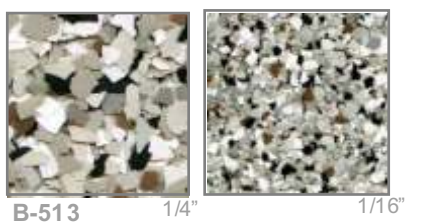
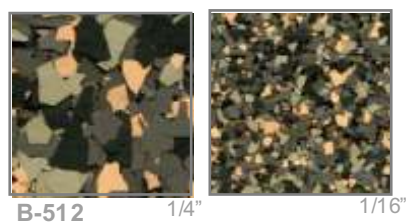
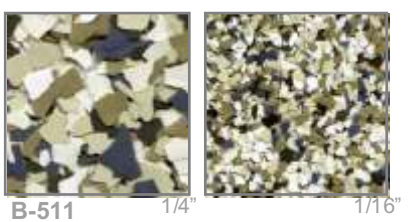
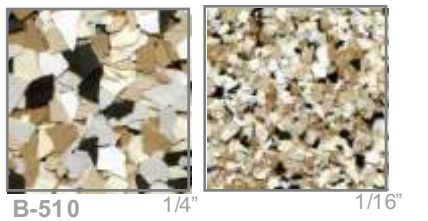
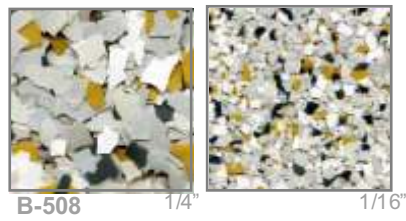
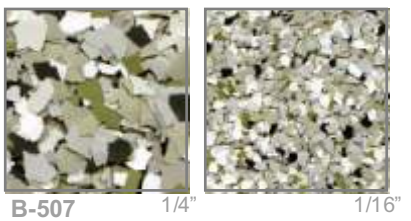
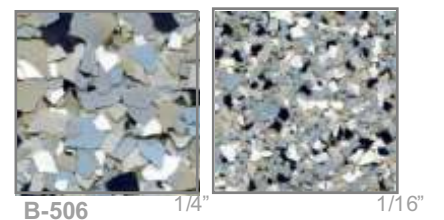
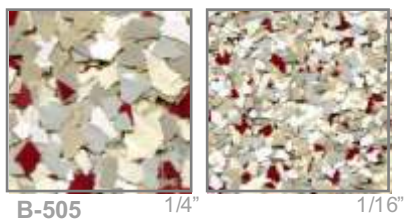
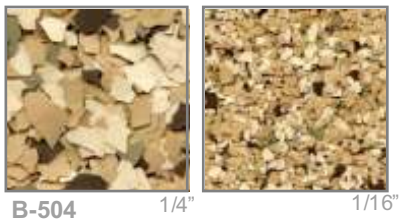
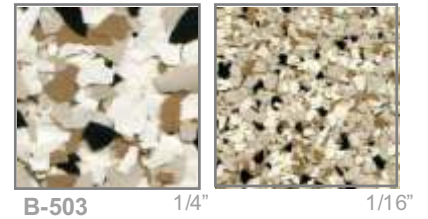
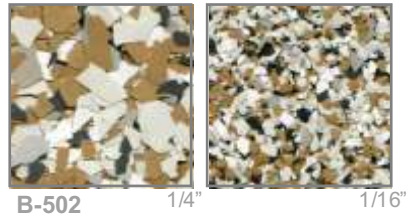
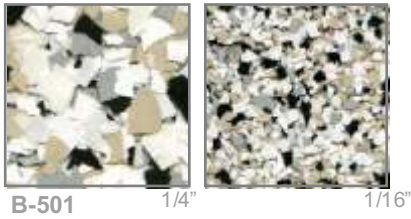
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1/16"

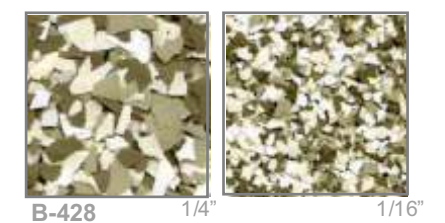
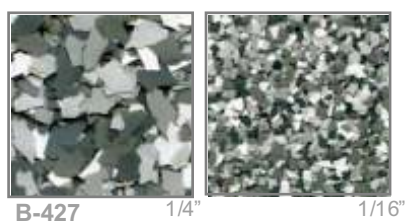
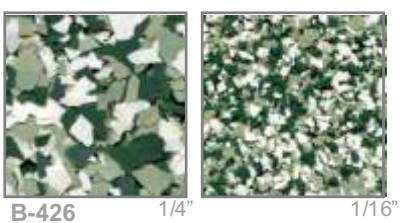
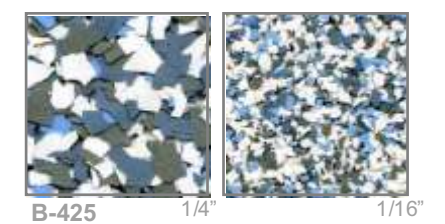
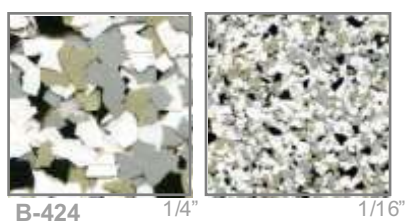
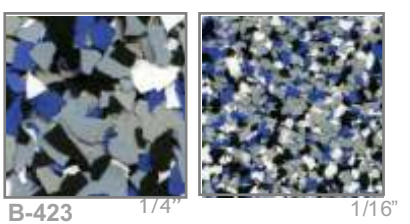
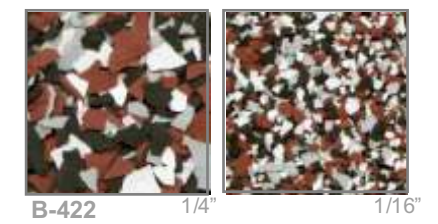
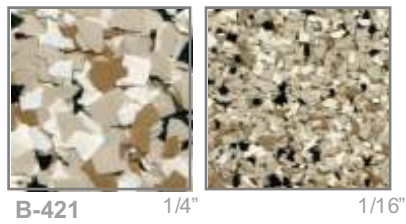
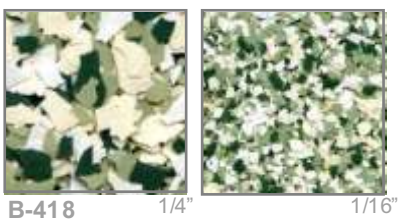
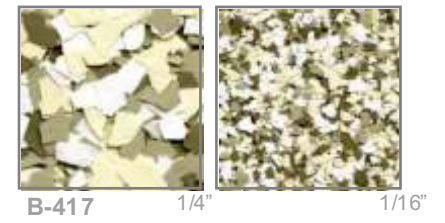
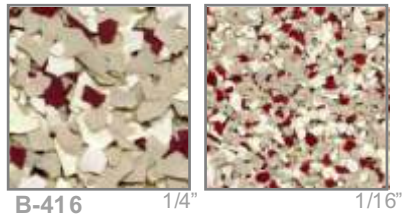
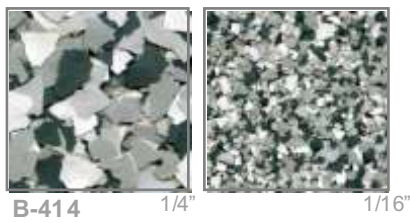
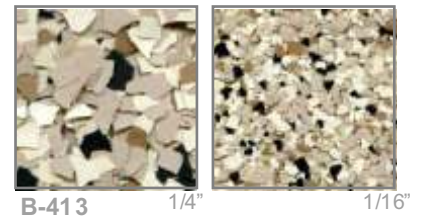
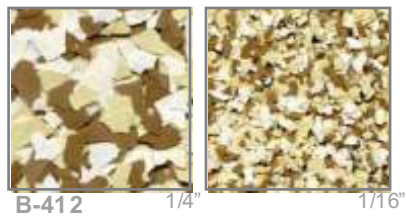
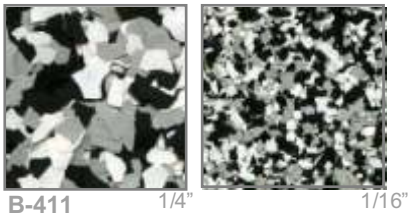
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Commercial



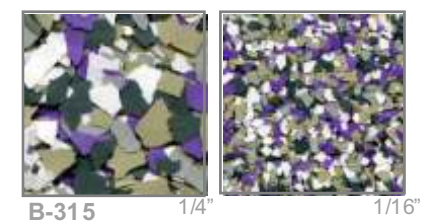
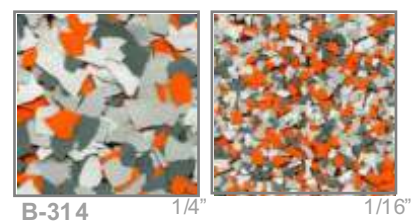
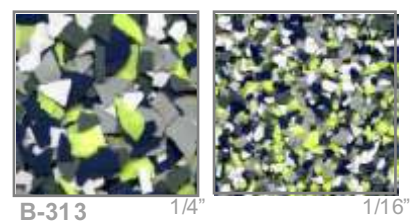
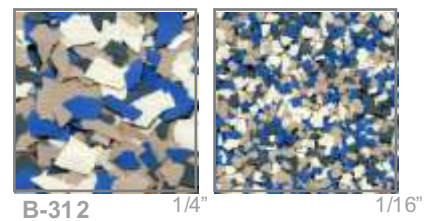
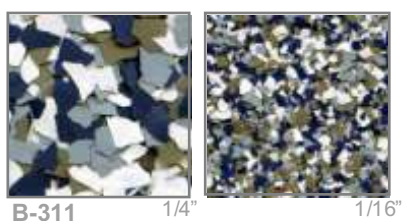
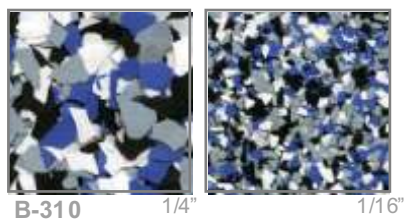
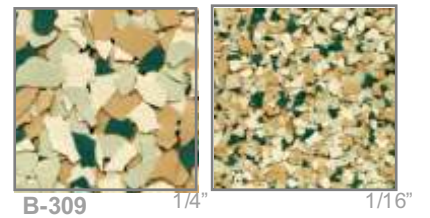
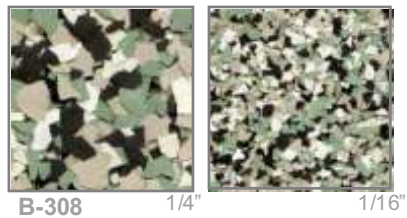
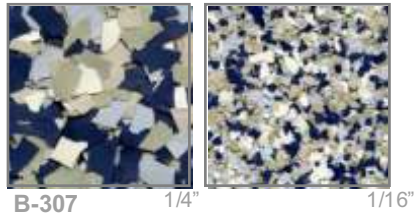
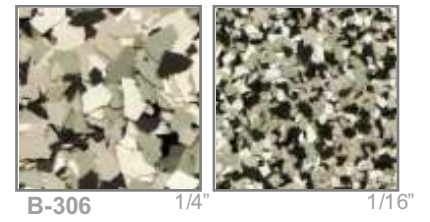
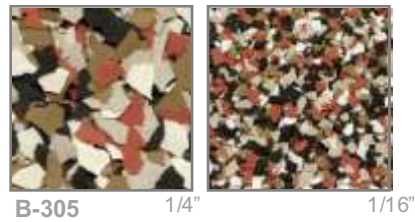
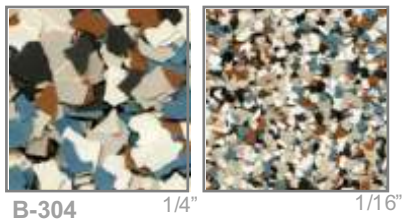
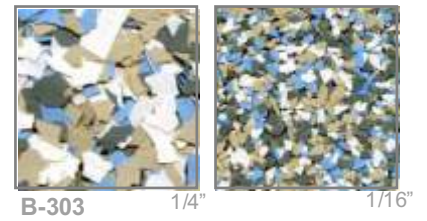
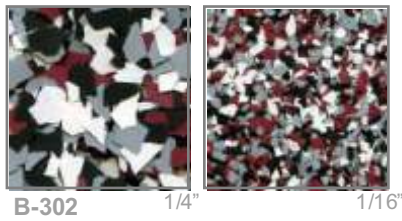
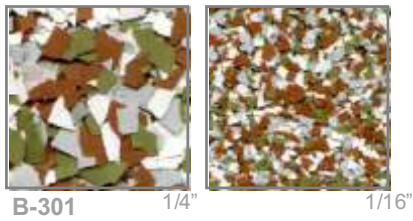
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Traditional

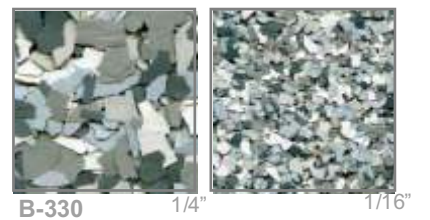
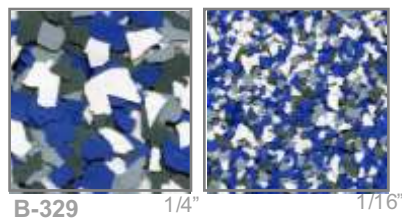
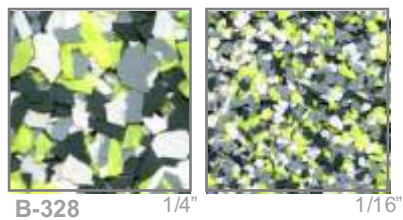
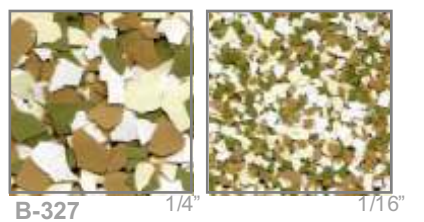
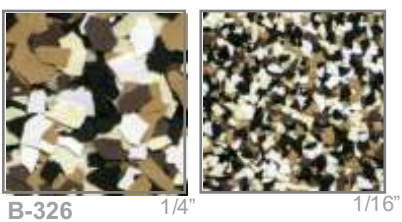
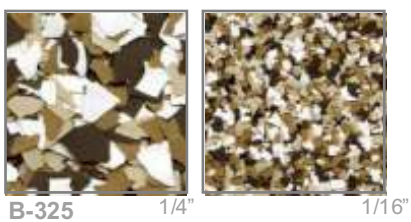
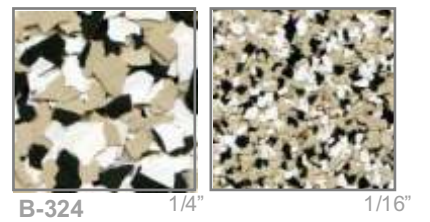
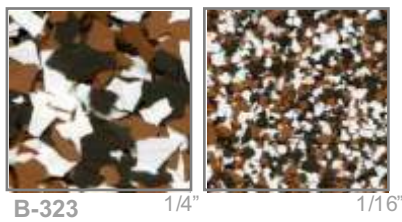
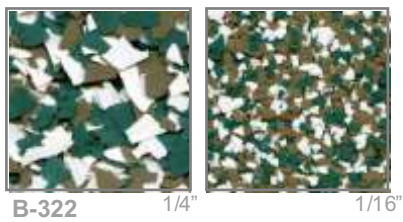
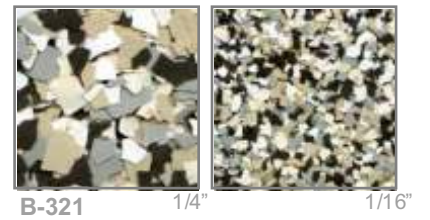
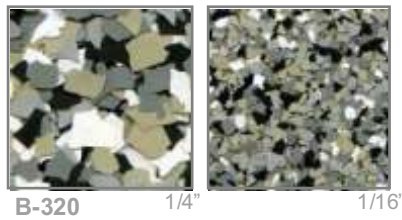
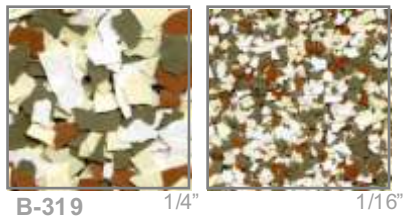
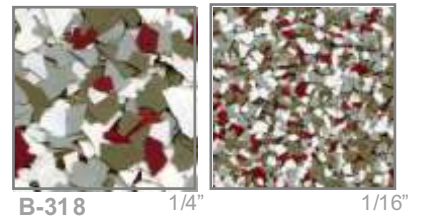
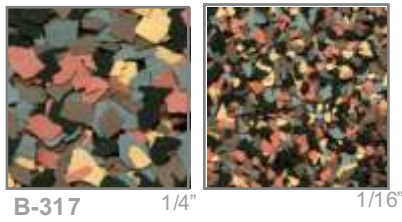
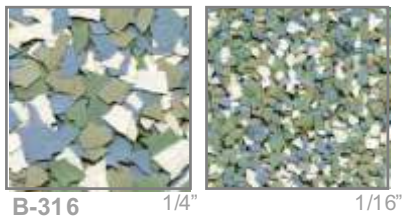


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New Age

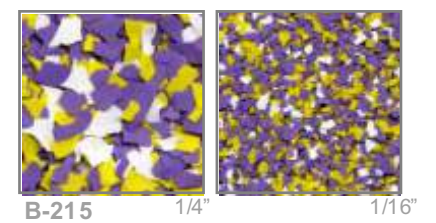
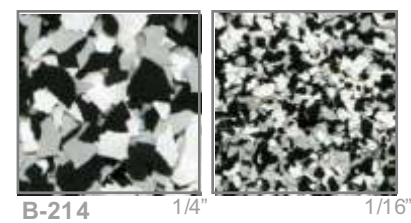
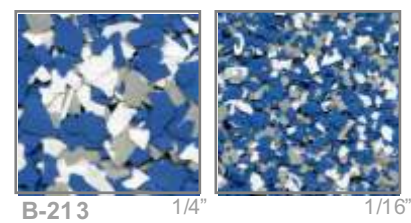
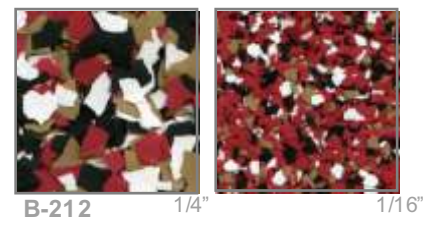
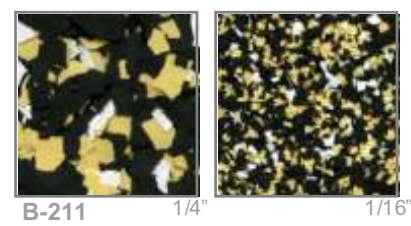
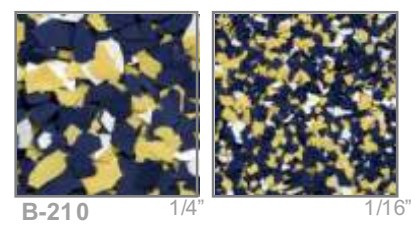
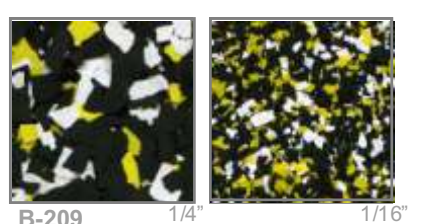
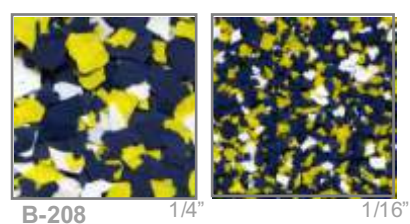
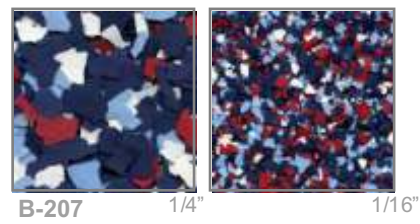
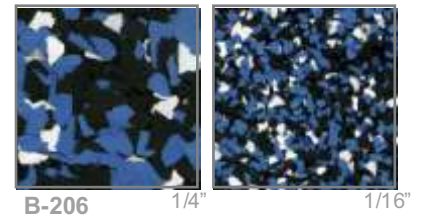
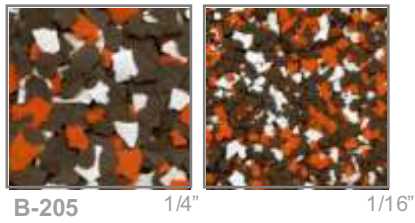
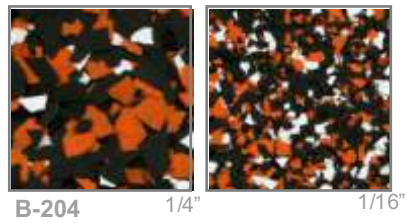
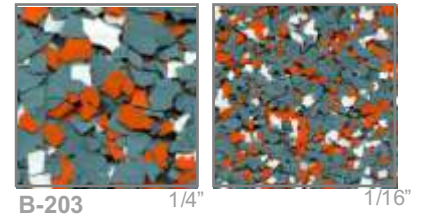
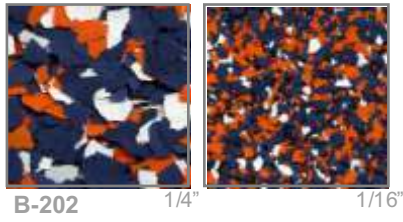
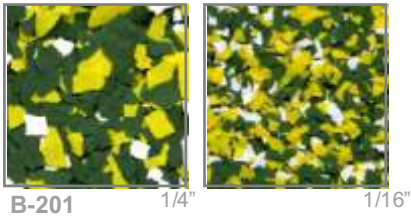


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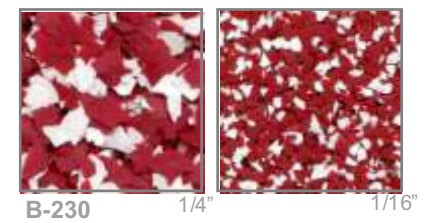
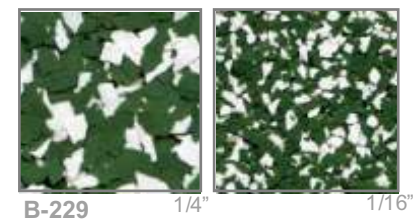
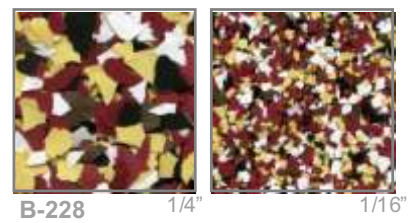
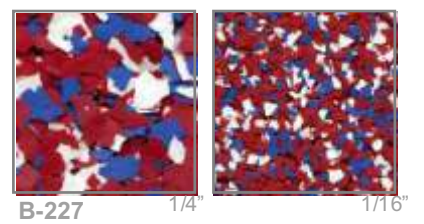
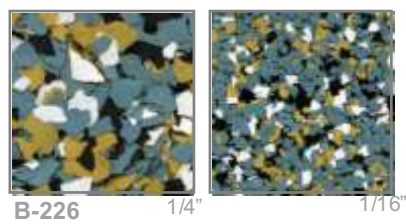
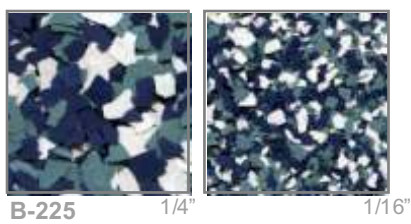
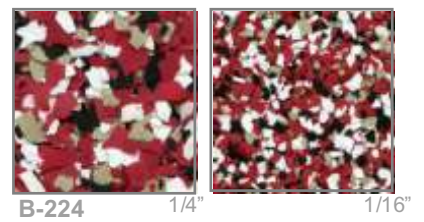
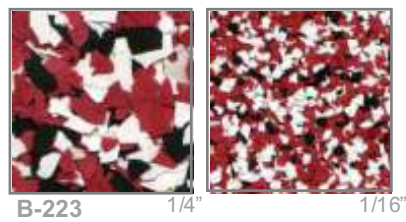
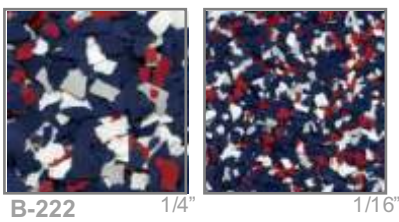
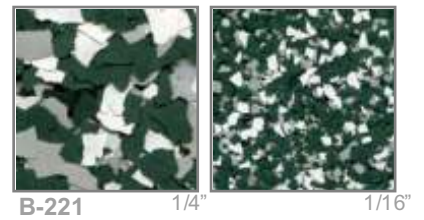
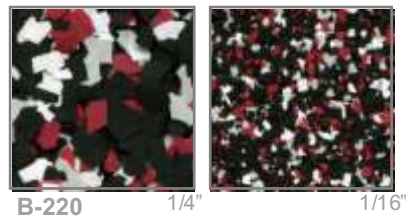
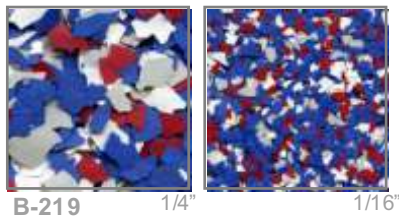
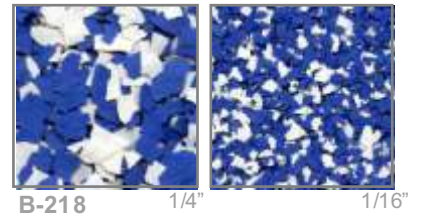
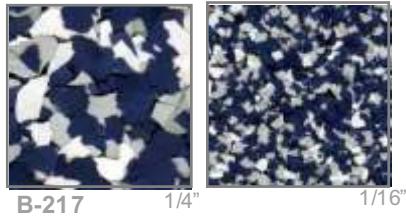
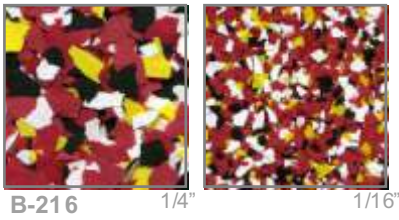


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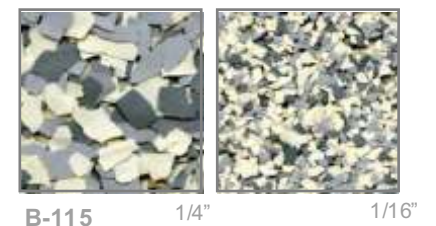
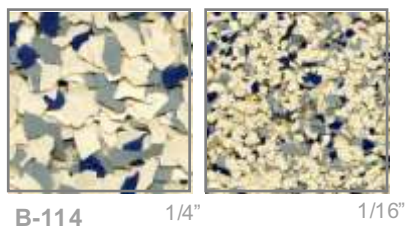
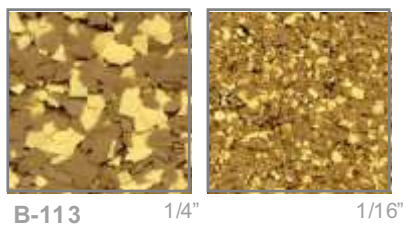
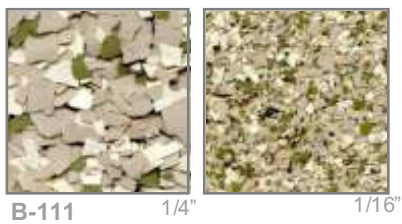
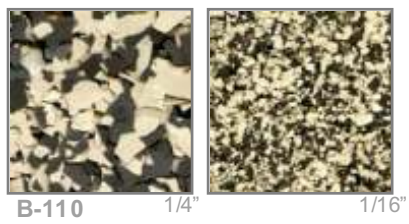
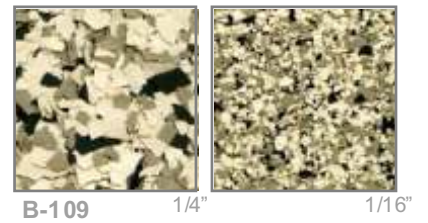
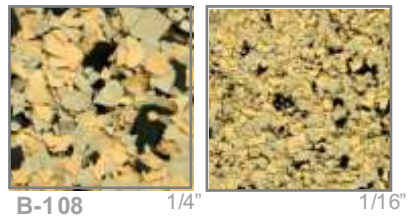
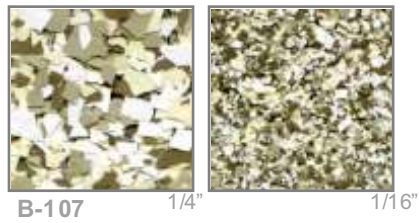
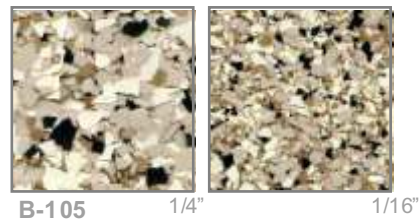
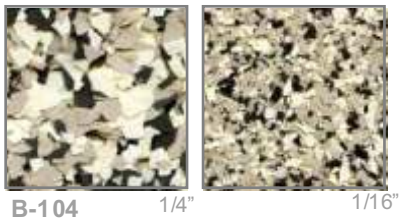
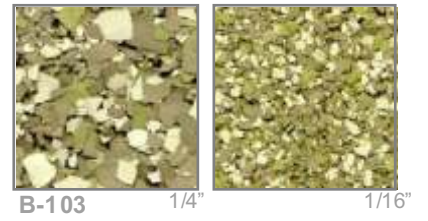
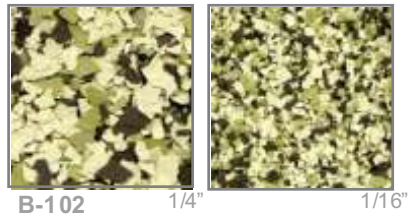
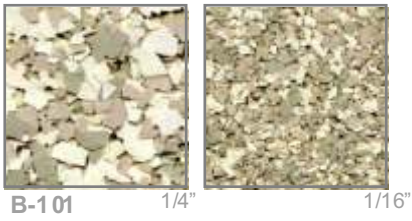


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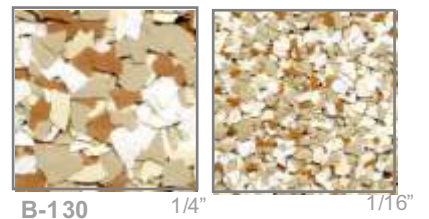
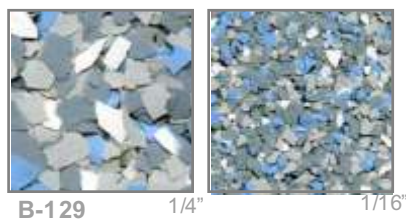
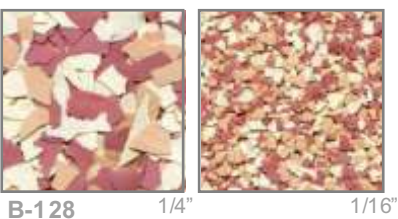
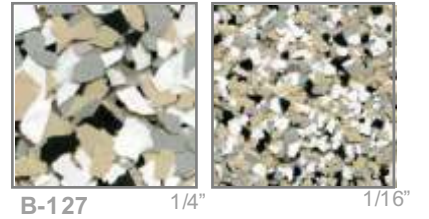
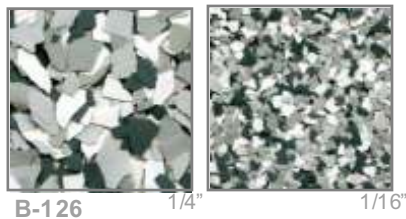
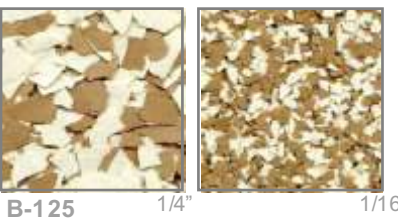
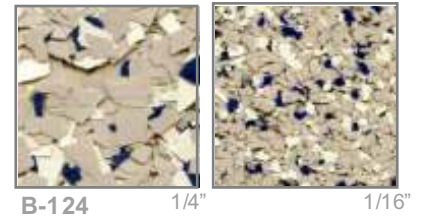
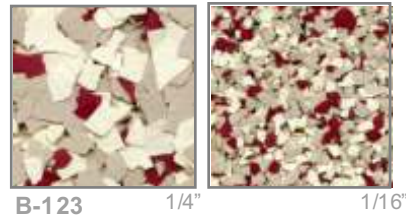
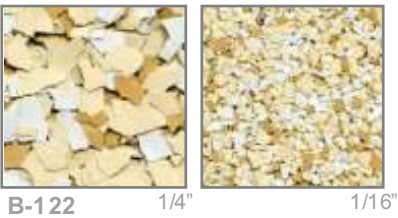
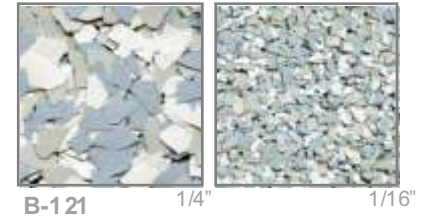
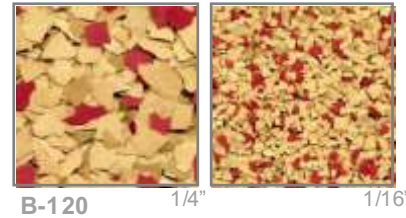
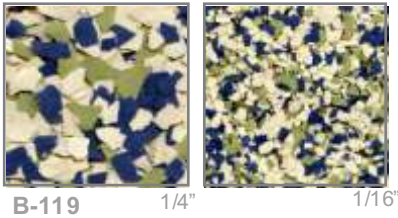
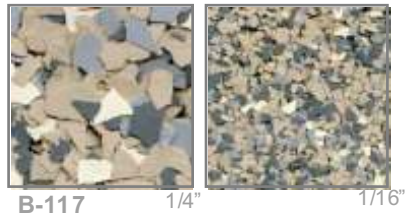
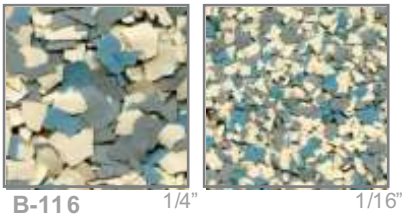


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Earth Tones



The colors may vary slightly from the original due to digital representation.



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POLEPOX-PR 824

TRANSPARENT, EPOXY-BASED RESIN, USED AS AN ADHESIVE COMPONENT BETWEEN CONCRETE SURFACES AND EPOXY COATINGS

GENERAL CHARACTERISTICS

POLEPOX-PR 824 is a clear, epoxy, two-component resin, which is used as an adhesive component between concrete surfaces and final epoxy coatings.

- Penetrates in depth.
- Eliminates dust from decay in old & new floorings, reinforcing their durability.
- Offers high mechanical resistance and chemical protection against acid solutions, alkalis, oil, grease etc.
- It can be easily repaired locally if necessary, but must precede grinding of the surface with a sandpaper or mosaic machine.

TECHNICAL DATA

Basis:	two-component epoxy resin
Appearance:	liquid
Colors:	transparent
Viscosity (A+B):	30-150 mPa·s at 25°C
Density (A+B):	0,88 ± 0,003 kg/l
Mixing proportion (A:B):	50:50 by weight
Application time:	approx. 1 h at 25°C
Final strength:	after 7 days at 25°C
Walkability:	after 2 days
Adhesive strength:	>3 N/mm ² (breaking of concrete)
Temperature for the application and drying of the material:	12 – 35°C

SUBSTRATE REQUIREMENTS

Concrete quality:	at least C20/25
Age:	at least 30 days
Moisture content:	below 4%

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PREPARATION - APPLICATION

Applied only on dry surfaces. Protected from arising humidity and free of materials that might prevent bonding e.g. dust, loose particles, grease etc. The success in the application depends on the right preparation of the underlay and use of the material.

- Treatment of the surface with a mosaic machine, or with sandblast or rotor machine, depending on the thickness of the final coating.
- **Good, dry** cleaning of the surface from dust and residues with vacuum cleaner and use of squeegees.
- Caution must be taken so that temperature of the substrate as well as ambient air remains above 12°C during application and curing of the materials while relative environment humidity does not exceed 75%.
- Good mixing of components A (resin) & B (hardener) packed into separate containers in fixed weight proportions. Mixing should be performed using a low revolution mixer (300-600 rpm) for 1-2 min. Stirring of the mixture should be performed thoroughly near the sides and bottom of the container in order to achieve uniform dispersion of the hardener.
- In case of troweled surfaces when there is a need for a penetrating material, it is suggested the application of the **POLEPOX-PR 824** in two or more layers.
- Then, application of one or more layers, with **POLEPOX-PR 824**, until the surface is saturated and a film is created. If mat spots appear, then another layer is necessary. The next layer follows the other before the previous starts to dry. The number of layers vary from one surface to another depending on the absorbency.

CONSUMPTION

250-600 gr/m² in two layers depending on the type and the absorbency of the underlay.

APPLICATION TOOLS

Nappy rolls, brushes, squeegees for smooth industrial surfaces. Tools should be cleaned with solvent immediately after use.

PACKAGING

Supplied in packages of 30 Kg (two drums). Components A and B have the fixed weight proportion.

STORAGE

One year in unopened containers in dry places with minimum temperature 5°C and maximum temperature 35°C, protected from moisture and heat.

REMARKS

- Working time of **POLEPOX-PR 824** decreases when ambient temperature rises.
 - Prolonged storage of partially used containers must be avoided as contact with atmospheric moisture will result in skinning and clouding of the product.
 - **It cannot be applied in thickness for filling cracks or holes.** In this case it can only be used if mixed with fine dry sand.
 - Do not mix or apply unless surface, air and material temperatures are over 12°C during the next 24 hours.
 - Do not apply to floors if there is moisture in the subfloor drive or hydrostatic pressure. Prior precautions measurements of humidity with special device are suggested.
 - In case of cracks or holes we recommend the use of **EPOFIX-H 207**.
 - The usage of mosaic machine must precede the application of **POLEPOX-PR 824** for the creation of pores and the right penetration of the material.
 - In case old floors are going to be laid or a long period of time interferes between successive layers (twelve hours in summer or twenty four hours in winter), the surface must be thoroughly cleaned and ground prior to application of a new layer.
 - After hardening, **POLEPOX-PR 824** is completely safe for health and meets all requirements for food industries.
-

CAUTION

The application must take place in well-aired places using protective gloves. Skin or eye contact must be avoided, otherwise wash carefully with soap and water.

For more information consult the material safety data sheet.

The information given here is true, represents our best knowledge and is based not only on laboratory work, but also on field experience. However, because of numerous factors affecting results we offer this information without any guarantee and no patent liability is assumed. For additional information or questions, contact the technical department of KDF LTD.

POLEPOX COAT 814

EPOXY-BASED, SELF-LEVELING, TWO-COMPONENT COATING

GENERAL CHARACTERISTICS

POLEPOX COAT 814 is epoxy-based, self-leveling, two-component coating.

- Creates colored, easy-to-clean flooring without joints, not requiring maintenance and meeting **health standards**.
- Resistant to acid solutions, alkalis, oil, grease, wastes.
- Prevents floorings from creating dust, strengthening their durability and resistance.
- Resistant to mechanical stresses, wearing from friction and chemical effects.
- It is ideal for painting industrial power-troweled floorings, mosaics, cement surfaces, decks, water baths, and silos.
- Areas of application: food industries, professional kitchens, car workshops, parking areas, waste treatment plants, production plants, hospitals for antibacterial use etc.

TECHNICAL DATA

Basis:	epoxy, two-component resin
Appearance:	viscous liquid
Colors:	Available in 16 RAL colors and on request from RAL colors.
Viscosity (A+B):	1500-4000 mPa·s at 25°C
Density (A+B):	1,550 ± 0,003 Kg/lit
Application time:	approx. 30 min at 25°C
Final strength:	after 7 days at 25°C
Compressive strength (A+B): (ASTM D 695)	55 N/mm ² , 7 days at 25°C
Flexural strength (A+B): (Din 1164)	33 N/mm ² , 7 days at 25°C
Temperature for the application and drying of the material:	12 – 35°C 78 ± 2
Hardness according to SHORE D:	after 2 days at 25°C
Walkability:	>3 N/mm ² (breaking of concrete)
Adhesive strength:	

SUBSTRATE REQUIREMENTS

Concrete quality:	at least C20/25
Age:	at least 30 days
Moisture content:	below 4%

PREPARATION - APPLICATION

Applied only on dry surfaces. Protected from arising humidity and free of materials that might prevent bonding e.g. dust, loose particles, grease etc. The success in the application depends on the right preparation of the underlay and use of the material.

- Treatment of the surface with grinding machine (mosaic machine, milling machine, scarifier, sandblasting or rotor machine) depending on the thickness of the final coating.
- **Good, dry** cleaning of the surface from dust and residues with vacuum cleaner and squeegees.
- Caution must be taken so that temperature of the substrate as well as ambient air remains above 12°C during application and curing of the materials while relative environment humidity does not exceed 75%.
- Priming of the surface with **POLEPOX-PR 824** in two or more layers. Then, application of one or more layers, with **POLEPOX-PR 824**, until the surface is saturated and a film is created. Consumption: 250-600 gr/m², depending on the absorption of the underlay.
- After hardening of the primer (2-12 hours depending on the ambient temperature) and within 24 hours, follows the application of **POLEPOX COAT 814**.
- Good mixing of components A (resin) & B (hardener) packed into separate containers in fixed weight proportions. Mixing should be performed using a low revolution mixer (300-600 rpm) for 1-2 min. Stirring of the mixture should be performed thoroughly near the sides and bottom of the container in order to achieve uniform dispersion of the hardener.
- The epoxy mixture is poured on the floor and spread using rolls. The tool which to be used depends on the desirable thickness.
- Following the application of the **POLEPOX COAT 814**, the self-leveling layer should be rolled using a special spiky-roller in order to release any possibly entrapped air and avoid the formation of bubbles.
- For the creation of a completely non-slip surface, it is recommended on a still fresh layer the dredging of dry, quartz sand 0,1-0,4mm or 0,4-0,8mm depending on the desired anti-slipping effect. After hardening of **POLEPOX COAT 814**, any loose grains are being removed using a high suction vacuum cleaner. Finally a finishing layer of **POLEPOX COAT 814** is applied for the creation of an acid proof, easy to clean, non-slip surface. Consumption: 0,5-1 kg/m² depends on the right preparation of the underlay and use of the material.

CONSUMPTION

- 500-700 gr/m² as paint.
- 1 kg/m²/0,7mm as paint for light circulation.
- 1,5 kg/m²/1mm as paint for medium circulation.

APPLICATION TOOLS

Paint rollers, depending the desired thickness. Tools should be cleaned with solvent immediately after use.

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Sports Flooring Systems & Building Materials
45 YEARS OF EXPERIENCE

PACKAGING

Supplied in sets of 25 kg (two drums). Components A and B have the fixed weight proportion.

STORAGE

One year in unopened containers in dry places with minimum temperature 5°C and maximum temperature 35°C, protected from moisture and heat.

REMARKS

- Working time of **POLEPOX COAT 814** decreases when ambient temperature rises.
 - Prolonged storage of partially used containers must be avoided as contact with atmospheric moisture will result in skinning and clouding of the product.
 - In case old floors are going to be laid or a long period of time (12 hours for summer and 24 hours for winter) interferes between successive layers, the surface must be thoroughly cleaned and ground prior to application of a new layer.
 - Do not mix or apply unless surface, air and material temperatures are over 12°C during the next 24 hours.
 - Do not apply to floors if there is moisture in the subfloor drive or hydrostatic pressure. Prior precautions measurements of humidity with special device are suggested.
 - For lining thickness from 2mm till 4mm, it is recommended the use of **POLEPOX FLOOR 817**.
 - **POLEPOX COAT 814** will yellow upon prolonged exposure to sunlight or high-intensity artificial lights. A urethane topcoat is highly recommended for color stability.
 - After hardening, **POLEPOX COAT 814** is completely safe for health and meets all requirements for food industries, hospitals, etc.
-

CAUTION

The application must take place in well-aired places using protective gloves. Skin or eye contact must be avoided, otherwise wash carefully with soap and water.

For more information consult the material safety data sheet.

The information given here is true, represents our best knowledge and is based not only on laboratory work, but also on field experience. However, because of numerous factors affecting results we offer this information without any guarantee and no patent liability is assumed. For additional information or questions, contact the technical department of KDF LTD.

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POLYFLAKE 1210

EPOXY, DECORATIVE FLOORING WITH VINYL COLORED CHIPS/FLAKES

GENERAL CHARACTERISTICS

Colored, epoxy decorative artistic in situ-applied flooring with embedded colored chips/flakes, for residential, commercial or exhibition areas. Creates a high-aesthetics, durable flooring for indoor areas.

For an attractive, seamless floor that is chemical resistant, **POLYFLAKE 1210** vinyl-chip epoxy system is a great alternative to trowel-applied systems. The basecoat is a pigmented, 100% solids epoxy that is broadcast with colored, vinyl chips that gives the look of terrazzo at a fraction of the cost. Depending upon your needs, the coating can provide a positive footing or a smooth high-gloss appearance. **POLYFLAKE 1210** is easy to maintain and has a long-term service life. For additional protection to the surface, UV stability and increased wear-layer hardness, a topcoat of urethane is recommended.

Available in various colors.

SUBSTRATE REQUIREMENTS

Concrete quality:	at least C20/25
Age:	at least 30 days
Moisture content:	below 4%

PREPARATION-APPLICATION

Ideal for commercial, business and recreational areas like conference halls, night clubs, hotels, beach bars, shops, restaurants & kitchens, garages, locker rooms & restrooms, schools, hospitals, lobbies, walkways, chemical processing plants.

Applied only on dry, smooth surfaces. Protected from arising humidity and free of materials that might prevent bonding e.g. dust, loose particles, grease etc. The success in the application depends on the right preparation of the underlay and use of the material.

- Treatment of the surface with grinding machine (mosaic machine, milling machine, scarifier, sandblasting or rotor machine) depending on the thickness of the final coating.
- **Good, dry** cleaning of the surface from dust and residues with vacuum cleaner and squeegees.
- Caution must be taken so that temperature of the substrate as well as ambient air remains above 12°C during application and curing of the materials while relative environment humidity does not exceed 75%.
- Priming of the surface with **POLEPOX-PR 824** until the surface is saturated and a film is created. Consumption: 250-600 gr/m² in two or more layers depending on the absorption of the underlay.
- After hardening of the primer (2-12 hours depending on the ambient temperature) and within

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45 YEARS OF EXPERIENCE

24 hours, follows the application of **POLEPOX COAT 814**.

- The tool which to be used depends on the desirable thickness.
- Toss **POLYFLAKE** chips evenly, in a high arcing motion into the wet epoxy. Allow to cure. Scrape off excess flakes.
- Apply clear **PU VARNISH 807** coat for chemical resistance or **PLASTICOAT 850**, epoxy, clear, , transparent coating.

CONSUMPTION

0,1-0,3 kg/m², depending on the desired effect.

STORAGE

1 years in original, unopened containers in dry places with minimum temperature 5°C and maximum temperature 35°C, protected from moisture and heat.

CAUTION

- Do not aerate during mixing.
- Do not mix or apply unless surface, air and material temperatures are over 12 °C during the next 24 hours.
- Prolonged storage of partially used containers must be avoided as contact with atmospheric moisture will result in skinning and clouding of the product.
- Cure new concrete 30 days before application.
- Do not mix or apply unless surface, air and material temperatures are over 12°C during the next 24 hours.
- Do not apply to floors if there is moisture in the subfloor drive or hydrostatic pressure. Prior precautions measurements of humidity with special device are suggested.
- **POLYFLAKE 1210** will yellow upon prolonged exposure to sunlight or high-intensity artificial lights. A urethane topcoat is highly recommended for color stability.
- Do not apply to slabs on grade unless a heavy uninterrupted vapor barrier has been installed under the slab.
- Do not apply if the floor is subject to moisture vapor drive or hydrostatic pressure.
- For applications requiring color stability, **PU VARNISH 807** should be used as a topcoat.
- Although epoxy coatings are chemically resistant, surface staining of the coating may occur after contact with some aggressive chemicals. Apply a urethane top coat for additional protection against chemicals.

For more information consult the material safety data sheet.

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POLFLOOR-PU 807

GENERAL CHARACTERISTICS

POLFLOOR-PU 807 is polyurethane-based, anti-dust, transparent or colored, two-component resin.

- Creates colored, easy-to-clean indoor or outdoor floorings.
- Ideal for old and new surfaces, for light and middle circulation such as industrial, troweled floorings, mosaics, cement surfaces, workshops, and storehouses. Suitable even for metallic surfaces and for painting swimming pools.
- Provides permanent protection from U.V. radiation.
- Eliminates dust and decay from old & new floorings, reinforcing their durability.
- Offers high mechanical resistance and chemical protection against acid, alkalis, oil, and grease.
- Penetrates in depth, protects and hardens old absorbent cement surfaces.
- It can be easily repaired locally if necessary.

TECHNICAL DATA

Basis:	two-component polyurethane resin
Appearance:	liquid
Viscosity:	100-450 mPa·s at 25°C
Density:	0,94 ± 0,001 kg/lit
Mixing proportion (A:B):	75:25 by weight
Final strength:	after 7 days at 25°C
Walkability:	after 2 days at 25°C
Adhesive strength:	>3 N/mm ² (breaking of concrete)
Colors:	16 colors in RAL codes.
Temperature for the application and drying of the material:	12 – 35°C

SUBSTRATE REQUIREMENTS

Concrete quality:	at least C20/25
Age:	at least 30 days
Moisture content:	below 4%

PREPARATION-APPLICATION

Applied only on dry surfaces. Protected from arising humidity and free of materials that might prevent bonding e.g. dust, loose particles, grease etc. The success in the application depends on the right preparation of the underlay and use of the material.

- Grinding of the surface with a mosaic machine, or sandblast and rotor machine in case of vertical surfaces.
- **Good, dry** cleaning of the surface from dust and residues with vacuum cleaner and squeegees.
- Caution must be taken so that temperature of the substrate as well as ambient air remains above 12°C during application and curing of the materials while relative environment humidity does not exceed 75%.
- Good mixing of components A (resin) & B (hardener) packed into separate containers in fixed weight proportions. Mixing should be performed using a low revolution mixer (300-600 rpm) for 1-2 min. Stirring of the mixture should be performed thoroughly near the sides and bottom of the container in order to achieve uniform dispersion of the hardener.
- In case of troweled surfaces when there is a need for a penetrating material, it is suggested the application of the **POLFLOOR-PU 807**, with dilution with 10-15% **POLYURETHANE SOLVENT** for deeper penetration, in one layer.
- Then application of two or more layers with **POLFLOOR-PU 807** undiluted. The last layer is applied, until the surface is saturated and a film is created. If mat spots appear, then another layer is necessary until the surface is shiny. The next layer follows the other after the previous dries, within 6-12 hours depending on the ambient temperature and not more than 24 hours. The number of layers vary from one surface to another depending on the absorbency.

CONSUMPTION

250-600 gr/m², in three or more layers (including the primer layer) depending on the type, absorbency and roughness of the underlay.

APPLICATION TOOLS

Nappy rolls, brushes for smooth industrial surfaces. Tools should be cleaned with solvent immediately after use.

PACKAGING

Supplied in packages of 5kg and 15 kg (two drums). Components A and B have the fixed weight proportion.

STORAGE

One year in unopened containers in dry places with minimum temperature 5°C and maximum temperature 35°C, protected from moisture and heat.

REMARKS

- Working time of **POLFLOOR-PU 807** decreases when ambient temperature rises.
- Prolonged storage of partially used containers must be avoided as contact with atmospheric moisture will result in skinning and clouding of the product.
- Do not mix or apply unless surface, air and material temperatures are over 12°C during the next 24 hours.
- Do not apply to floors if there is moisture in the subfloor drive or hydrostatic pressure. Prior precautions measurements of humidity with special device are suggested.
- **It cannot be applied in thickness for filling cracks or holes.**
- In case of cracks or holes we recommend the use of **EPOFIX-H 207**. The usage of rotor machine must precede the application of **POLFLOOR-PU 807** for the creation of pores and the right penetration.
- In case old floors are going to be laid or a long period of time interferes between successive layers, the surface must be thoroughly cleaned and grinded prior to application of a new layer.
- After hardening **POLFLOOR-PU 807** is completely safe for health.

CAUTION

The application must take place in well-aired places using protective gloves. Skin or eye contact must be avoided, otherwise wash carefully with soap and water.

For more information consult the material safety data sheet.

The information given here is true, represents our best knowledge and is based not only on laboratory work, but also on field experience. However, because of numerous factors affecting results we offer this information without any guarantee and no patent liability is assumed. For additional information or questions, contact the technical department of KDF LTD.

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POLYFLEX PU



SPORTGROUND-EX



POLTRACK JOGGING TRACK



FIBA POLYFLEX PU



SAFEPOL



EPDM 856



PLAYPREM



SAFEPOL SANDPROOF