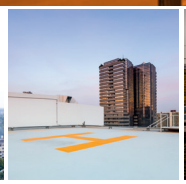
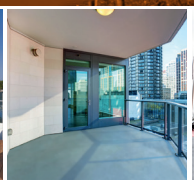
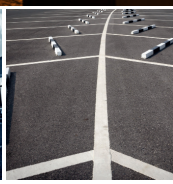







LIQUID WATERPROOFING SYSTEMS

ROOFS
BALCONY - TERRACE - GALLERY
PARKING ROOFS

RESIPLAST

RESIPLAST

More than 55 years of experience

With more than 55 years of experience, Resiplast is currently an established market leader in the manufacture and development of synthetic resins for the construction industry. Thanks to its extensive know-how and innovative techniques, Resiplast has built a very strong reputation. Our systems are used worldwide.

THE RIGHT PRODUCTS, THE RIGHT APPROACH AND THE RIGHT PEOPLE

Our product range of synthetic resin systems are made of polyurethane cement / concrete, and polymethyl or polyurethane methacrylate (PMMA & PUMA). We are of course also able to deliver the equipment required to apply these premium products. If you are looking for the right professionals to carry out your project, we will be more than happy to help.

RESEARCH & DEVELOPMENT, THE FOUNDATION FOR OUR SUCCESS

Since it was founded in 1966, Resiplast has developed a large number of synthetic resin systems for diverse industrial FIELD OF APPLICATION. We are still innovating today. Our R&D department, for example, is continuously developing new products and we are constantly improving our existing systems.

PREMIUM QUALITY

At Resiplast, we only use high-quality raw materials. And of course we never lose sight of the overall costs, even when it comes to applying our products. This means that at Resiplast you will find a whole range of extremely efficient systems at affordable prices.

PROFESSIONAL ADVICE

Resiplast goes beyond simply supplying premium products. We are also able to supply technical support as and when required. Our technical department is available to assist our commercial team with large and/or complex projects. In other words, you can be certain of a professional and meticulous service.

HEALTH, SAFETY & ENVIRONMENT

Resiplast is all the more committed to developing and marketing environmentally friendly, sustainable products and system solutions. Recycling, processing used packaging, producing more with less and promoting the working comfort of our customers are objectives that we pursue relentlessly and on which we base our sustainable development policy. Our intentions and systems in terms of environmental management are laid down in the ISO 14001 certification. We also work in accordance with the European REACH Regulation for the production and trade of chemicals. Products and systems with very low VOC emissions are available, or HACCP compliant floor coverings for the food and beverage industry.

YOUR GUARANTEE

Our entire production process – from development to delivery – is strictly monitored in accordance with ISO 9001 standards. Fast delivery times are essential too. Our production unit in Wommelgem is able to process priority orders rapidly without delaying planned deliveries.

MORE THAN 55 YEARS OF INNOVATION 55 YEARS SINCE 1966

bsi. ISO 9001:2015 Quality Management
FM 78518

bsi. ISO 14001:2015 Environmental Management
EMS 716699

COMPLIANT · COMPLIANT REACH

COMPLIES WITH BELGIUM EMISSION LEGISLATION VOC

Hazard·Analysis HACCP Critical·Control·Point

POLYAC®
PMMA BASED WATERPROOFING SYSTEMS

In this leaflet you will find the following:

LIQUID APPLIED WATERPROOFING

LIQUID APPLIED WATERPROOFING

Terraces, galleries, balconies, green roofs, industrial and parking roofs are indispensable for homes, apartment blocks, office and industrial buildings. After years of service, these are sometimes in less good condition due to mechanical wear and erosion. Broken terrace tiles, concrete damage, cracks, leaks can cause many frustrations. This part of the building is ultimately important for our living and working environment. Aesthetics are not the only point that counts, damage to the construction may lead to dangerous situations in terms of stability and safety.

This leaflet describes the RESIPLAST NV systems that ensure that the waterproofing, stability and safety for the following years can be guaranteed and that the lifespan of this part of the building is extended. The systems are suitable for both new construction and renovation projects. They protect the structure against mechanical stress and against all kinds of weather influences.

It is imperative to study the situation thoroughly on a case-by-case basis. The right system must be chosen carefully depending on the needs of the area to be protected or renovated, the condition of the substrate and the aesthetic expectations.

Liquid applied elastomer membranes are used to protect surfaces form chemical influences and from water infiltration. If necessary, they can be combined with a perforation-resistant, mechanically resistant wear layer to protect the waterproofing membranes.

POLYAC® BDM is a highly reactive liquid and easy to apply waterproofing system based on methyl methacrylate (MMA). After curing, it forms an elastic membrane with very high durability, even at low temperatures.

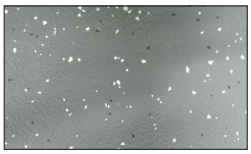
THE ADVANTAGES

- Elastic and therefore crack-bridging
- Sustainable
- Versatile in use
- Fast processing and curing
- Seamless
- Perfect adhesion to the entire surface
- No complex welding techniques
- No special detailed finishing profiles
- Detailing is done in a seamless transition and thereby avoids weak spots in the membrane
- Good chemical resistance
- Perfectly suited for waterproofing substrates and structures
- Unlimited re-coat time

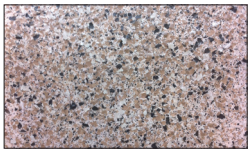
THE APPLICATIONS

- Flat roofs
- Industrial roofs
- Green roofs
- Balconies
- Terraces
- Galleries
- Parking roofs subject to direct traffic
- Parking roofs with cast asphalt
- Slopes

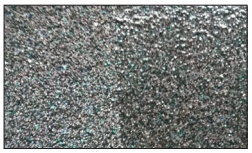
Depending on the application, the systems are aesthetically finished with the following anti-slip options:



Finishing with Flakes speckle and transparent topcoat.



Finishing with Flakes and transparent topcoat.



Finishing with Colour quartz and transparent topcoat.

Finishing with Rhine sand and transparent topcoat.

Finishing with Rhine sand and coloured topcoat.

ROOFS - GREEN ROOFS - INDUSTRIAL ROOFS

FLAT ROOF - STANDARD SYSTEM

GENERAL

This standard POLYAC® roof system for industrial roofs protects the surfaces to be treated.against all kinds of mechanical and weather influences and forms a flexible, seamless waterproofing membrane.

THE CONSTRUCTION OF THE SYSTEM

After perfect preparation of the surface, apply a primer onto the substrate.

Note, every substrate needs its specific primer.

If the substrate is too rough, apply an egaliser POLYAC® BDM + THIXOGENE.

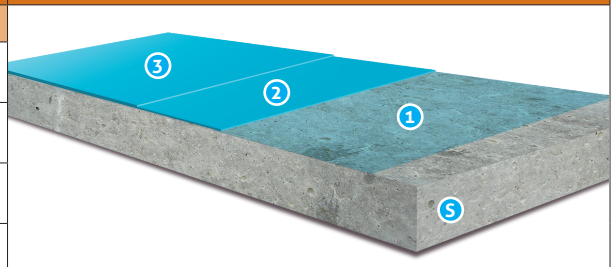
Apply a white or colourless waterproof layer of POLYAC® BDM M or POLYAC® BDM HD onto the cured primer or egaliser and apply a second layer of POLYAC® BDM M or POLYAC® BDM HD after one hour (depending on the ambient temperature). POLYAC® REINFORCEMENT FLEECE is embedded in the waterproofing layer in the edges, transitions and roof perforations or drains.

Apply the second layer POLYAC® BDM M or POLYAC® BDM HD in a different colour than the first. This is to guarantee good coverage of the first layer, to be able to distinguish the waterproofing layer from the protective layer during surface checks and to check whether the waterproof layer is still intact in case of mechanically applied damage. After inspection, the damage can then be determined and local repairs can be carried out. This is thanks to the unlimited re-coat time of the entire system.

Optionally apply a fire retardant topcoat POLYAC® 64 AF or a topcoat POLYAC® 61 on those areas that are regularly used.

	THE POLYAC® BDM SYSTEM		
	Layer	**Product name**	**Consumption**
3	Second waterproofing layer	POLYAC® BDM M or POLYAC® BDM HD	1,8 kg/m²
2	First waterproofing layer	POLYAC® BDM M or POLYAC® BDM HD	1,8 kg/m²
1	Primer	POLYAC® 12 - 14 - 18	0,35 kg/m²
S	Substrate		

FLAT ROOF - STANDARD SYSTEM



INDUSTRIAL ROOF - REINFORCED SYSTEM – POLYAC® BDM SYSTEM 5

GENERAL

This reinforced POLYAC® roof system for industrial roofs protects the surfaces to be treated.against all kinds of mechanical and weather influences. The system is reinforced by applying a fleece between the waterproofing and protective layer. System with ETA certificate (ETA 17/0296) according to ETAG 005.

THE CONSTRUCTION OF THE SYSTEM

After perfect preparation of the surface, apply a primer onto the substrate.

Note, every substrate needs its specific primer.

Apply the waterproof layer POLYAC® BDM M onto the cured primer or egaliser and immediately place a POLYAC® REINFORCEMENT FLEECE in the still wet layer. When placing the fleece, allow for an overlap of at least 5 cm. An hour later, depending on the ambient temperature, apply a layer of POLYAC® BDM M or POLYAC® BDM HD.

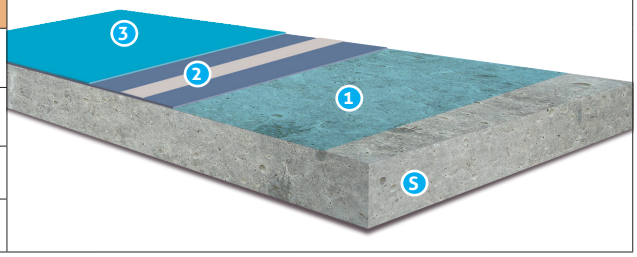
Apply the second layer POLYAC® BDM M or POLYAC® BDM HD in a different colour than the first layer of POLYAC® BDM M.

This is to guarantee good coverage of the first layer, to be able to distinguish the waterproofing layer from the protective layer during surface checks and to check whether the waterproof layer is still intact in case of mechanically applied damage. After inspection, the damage can then be determined and local repairs can be carried out. This is thanks to the unlimited re-coat time of the entire system.

Optionally apply a fire retardant topcoat POLYAC® 64 AF or a topcoat POLYAC® 61 on those areas that are regularly used.

	THE POLYAC® BDM SYSTEM		
	Layer	Product name	Consumption
3	Protective layer	POLYAC® BDM M or POLYAC® BDM HD	1,8 kg/m²
2	Waterproofing membrane + reinforcement fleece	POLYAC® BDM M with POLYAC® REINFORCEMENT FLEECE	1,8 kg/m² 110 g/m²
1	Primer	POLYAC® 12 - 14 - 18	0,35 kg/m²
S	Substrate		

INDUSTRIAL ROOF - REINFORCED SYSTEM – POLYAC® BDM SYSTEM 5



GREEN ROOF OR ROOF SYSTEM WITH GRAVEL

GENERAL

This POLYAC® system for green roofs or roofs covered with gravel protects the underlying structure against water penetration and extends the lifespan of the building.

THE CONSTRUCTION OF THE SYSTEM

After perfect preparation of the surface, apply a primer onto the substrate.

Note, every substrate needs its specific primer.

If the substrate is too rough, apply an egaliser POLYAC® BDM + THIXOGENE.

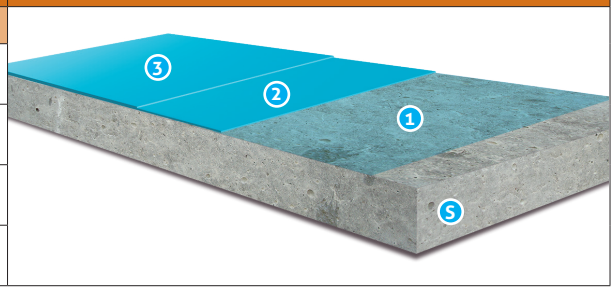
Apply a white or colourless waterproof layer of POLYAC® BDM M or POLYAC® BDM HD onto the cured primer or egaliser and apply a second layer of POLYAC® BDM M or POLYAC® BDM HD after one hour (depending on the ambient temperature). This second layer also serves as protection of the waterproofing membrane. POLYAC® REINFORCEMENT FLEECE is embedded in the first layer of POLYAC® BDM in the edges, transitions and roof perforations or drains.

Apply the second layer POLYAC® BDM M or POLYAC® BDM HD in a different colour than the first. This is to guarantee good coverage of the first layer, to be able to distinguish the waterproofing layer from the protective layer during surface checks and to check whether the waterproof layer is still intact in case of mechanically applied damage. After inspection, the damage can then be determined and local repairs can be carried out. This is thanks to the unlimited re-coat time of the entire system.

Optionally apply a fire retardant topcoat POLYAC® 64 AF.

After the system has cured, install the further elements of the green roof or the gravel.

	THE POLYAC® BDM SYSTEM			GREEN ROOF OR ROOF SYSTEM WITH GRAVEL
	Layer	Product name	Consumption	
3	Protective layer	POLYAC® BDM M or POLYAC® BDM HD	1,8 kg/m²	
2	Waterproofing membrane	POLYAC® BDM M or POLYAC® BDM HD	1,8 kg/m²	
1	Primer	POLYAC® 12 - 14 - 18	0,35 kg/m²	
S	Substrate			



BALCONY - TERRACE - GALLERY

POLYAC® B.T.G. - STANDARD

GENERAL

This standard POLYAC® roof system for balconies, terraces and galleries protects the surfaces to be treated.against all kinds of mechanical and weather influences and is finished with an anti-slip surface.

THE CONSTRUCTION OF THE SYSTEM

After perfect preparation of the surface, apply a primer onto the substrate.

Note, every substrate needs its specific primer.

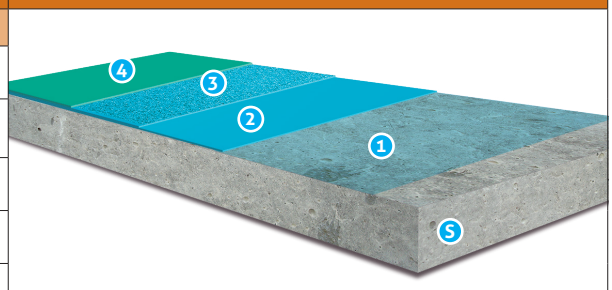
If the substrate is too rough, apply an egaliser POLYAC® 55.

Apply a white or colourless waterproof layer of POLYAC® BDM M onto the cured primer or egaliser and apply a second layer of POLYAC® BDM M after one hour (depending on the ambient temperature). This is always in anti-slip version and serves to protect the waterproofing membrane. Immediately after applying this layer, the surface is fully broadcasted with granulate or flakes.

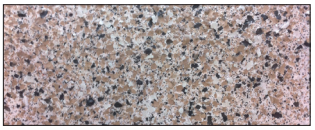
Apply the second layer of POLYAC® BDM M in a different colour than the first. This is to guarantee good coverage of the first layer, to be able to distinguish the waterproofing layer from the protective layer during surface checks and to check whether the waterproof layer is still intact in case of mechanically applied damage. After inspection, the damage can then be determined and local repairs can be carried out. This is thanks to the unlimited re-coat time of the entire system.

Finish off with a topcoat. POLYAC® 61 is a liquid tight transparent or coloured topcoat with excellent adhesion, high mechanical and wear resistance.

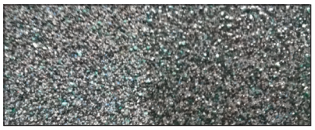
	THE POLYAC® BDM SYSTEM			POLYAC® B.T.C. - STANDARD
	Layer	Product name	Consumption	
4	Topcoat	POLYAC® 61	0,6 – 0,8 kg/m²	
3	Protective layer	POLYAC® BDM M Fully broadcast with flakes or granulates.	1,8 kg/m² 4 - 6 kg	
2	Waterproofing membrane	POLYAC® BDM M	1,8 kg/m²	
1	Primer	POLYAC® 12 - 14 - 18	0,35 kg/m²	
S	Substrate			



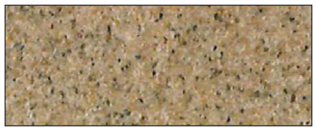
FINISHING OPTIONS



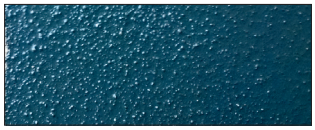
Finishing with Flakes and transparent topcoat.



Flakes and transparent topcoat
Finishing with Colour quartz and transparent topcoat.



Finishing with Rhine sand and transparent topcoat.



Finishing with Rhine sand and coloured topcoat.

If you opt for one of the first three finishing options described, colour the second layer of POLYAC® BDM M with powder pigment of your choice before applying it.

B.T.G. - REINFORCED SYSTEM – POLYAC® BDM SYSTEM 5

GENERAL

This reinforced POLYAC® roof system for balconies, terraces and galleries protects the surfaces to be treated.against all kinds of mechanical and weather influences and is finished with an anti-slip surface. The system is reinforced by applying a fleece between the waterproofing and protective layer. System with ETA certificate (ETA 17/0296) according to ETAG 005.

THE CONSTRUCTION OF THE SYSTEM

After perfect preparation of the surface, apply a primer onto the substrate.

Note, every substrate needs its specific primer.

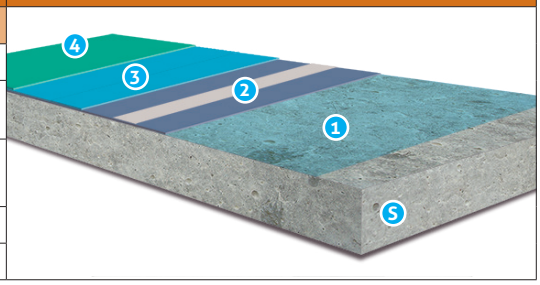
If the substrate is too rough, apply an egaliser POLYAC® 55.

Apply the waterproof layer POLYAC® BDM onto the cured primer or egaliser and immediately place a POLYAC® REINFORCEMENT FLEECE in the still wet layer. When placing the fleece, allow for an overlap of at least 5 cm. An hour later, depending on the ambient temperature, apply a layer of POLYAC® BDM M. This is always in anti-slip version and serves to protect the waterproofing membrane. Immediately after applying this layer, the surface is fully broadcasted with granulate or flakes.

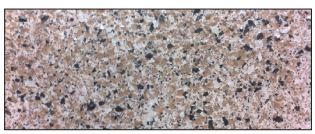
Apply the second layer POLYAC® BDM M in a different colour than the first layer of POLYAC® BDM. This is to guarantee good coverage of the first layer, to be able to distinguish the waterproofing layer from the protective layer during surface checks and to check whether the waterproof layer is still intact in case of mechanically applied damage. After inspection, the damage can then be determined and local repairs can be carried out. This is thanks to the unlimited re-coat time of the entire system.

Finish off with a topcoat. POLYAC® 65 or 61 is a liquid tight transparent or coloured topcoat with excellent adhesion, high mechanical and wear resistance.

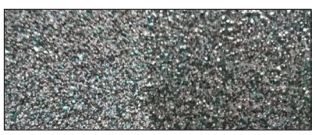
	THE POLYAC® BDM SYSTEM			B.T.G. - REINFORCED SYSTEM – POLYAC® BDM SYSTEM 5
	Layer	Product name	Consumption	
4	Topcoat	POLYAC® 65 - 61	0,6 – 0,8 kg/m²	
3	Protective layer	POLYAC® BDM M Fully broadcast with flakes or granulates.	1,8 kg/m² 4 - 6 kg	
2	Waterproofing membrane + reinforcement fleece	POLYAC® BDM POLYAC® REINFORCEMENT FLEECE	1,8 kg/m² 110 g/m²	
1	Primer	POLYAC® 12 - 14 - 18	0,35 kg/m²	
S	Substrate			



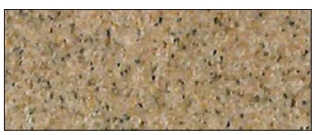
FINISHING OPTIONS



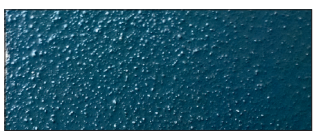
Finishing with Flakes and transparent topcoat.



Finishing with Colour quartz and transparent topcoat.



Finishing with Rhine sand and transparent topcoat.



Finishing with Rhine sand and coloured topcoat

If you opt for one of the first three finishing options described, colour the second layer of POLYAC® BDM M with powder pigment of your choice before applying it.

PARKING ROOFS

PARKING ROOF - REINFORCED SYSTEM – POLYAC® BDM SYSTEM 5

GENERAL

This reinforced POLYAC® parking roof system protects the surfaces to be treated.against all kinds of mechanical and weather influences and is finished with an anti-slip surface. The system is reinforced by applying a fleece between the waterproofing and protective layer. System with ETA certificate (ETA 17/0296) according to ETAG 005.

THE CONSTRUCTION OF THE SYSTEM

After perfect preparation of the surface, apply a primer onto the substrate.

Note, every substrate needs its specific primer.

If the substrate is too rough, apply an egaliser POLYAC® 55.

Apply the waterproof layer POLYAC® BDM onto the cured primer or egaliser and immediately place a POLYAC® REINFORCEMENT FLEECE in the still wet layer. When placing the fleece, allow for an overlap of at least 5 cm. An hour later, depending on the ambient temperature, apply a layer of POLYAC® BDM M or POLYAC® BDM HD. This second layer also serves as protection of the waterproofing membrane.

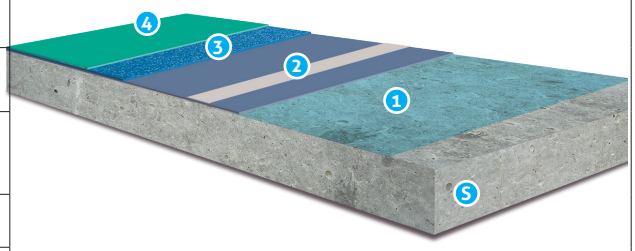
If you do not opt for an extra aesthetically qualitative egaliser, fully broadcast the last applied layer of POLYAC® BDM M or POLYAC® BDM HD with granulate.

If an aesthetically qualitative egaliser, do not broadcast the last applied layer of POLYAC® BDM M or POLYAC® BDM HD but apply the aesthetically qualitative layer of POLYAC® 55 after one hour (depending on the ambient temperature). Immediately after applying this layer, the surface is fully broadcasted with granulate.

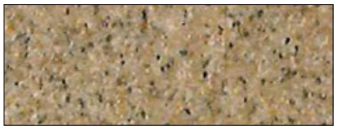
Apply the second layer POLYAC® BDM M or POLYAC® BDM HD in a different colour than the first layer of POLYAC® BDM. This is to guarantee good coverage of the first layer, to be able to distinguish the waterproofing layer from the protective layer during surface checks and to check whether the waterproof layer is still intact in case of mechanically applied damage. After inspection, the damage can then be determined and local repairs can be carried out. This is thanks to the unlimited re-coat time of the entire system.

Finish off with a topcoat. POLYAC® 65 or 61 is a liquid tight transparent or coloured topcoat with excellent adhesion, high mechanical and wear resistance.

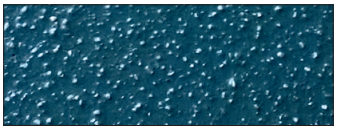
	THE POLYAC® BDM SYSTEM			PARKING ROOF - REINFORCED SYSTEM – POLYAC® BDM SYSTEM 5
	Layer	Product name	Consumption	
4	Topcoat	POLYAC® 61 - 65	0,6 – 0,8 kg/m²	
3	Protective layer	POLYAC® 55 Fully broadcast with flakes or granulates.	3,5 kg/m² 4 - 6 kg	
2	Waterproofing membrane + reinforcement fleece	POLYAC® BDM POLYAC® REINFORCEMENT FLEECE POLYAC® BDM	1,2 kg/m² nat in nat 1,8 kg/m²	
1	Primer	POLYAC® 12 - 14 - 18	0,35 kg/m²	
S	Substrate			



FINISHING OPTIONS



Finishing with Rhine sand and transparent topcoat.



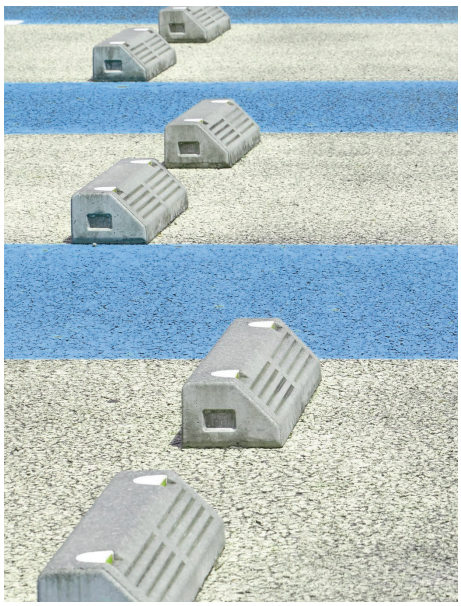
Finishing with Rhine sand and coloured topcoat.

If you opt for the first finishing option described, colour the second layer of POLYAC® BDM M or POLYAC® BDM HD with powder pigment of your choice before applying it.

PARKING ROOF - COMBINED SYSTEM WITH CAST ASPHALT

GENERAL

A waterproofing layer is an important factor in the construction of the trafficable part on a parking roof. The membrane consists of synthetic resin and will protect the underlying structure against the penetration of liquids, water and chemical by-products such as oils, de-icing salts, etc. The waterproofing membrane will be protected by a perforation-protective layer before applying the further elements of the parking roof in cast asphalt.



THE CONSTRUCTION OF THE SYSTEM

After perfect preparation of the surface, apply a primer onto the substrate.

Note, every substrate needs its specific primer.

If the substrate is too rough, apply an egaliser POLYAC® 55.

Apply a white or colourless waterproof layer of POLYAC® BDM M or POLYAC® HD onto the cured primer or egaliser and apply a second layer of POLYAC® BDM M or POLYAC® BDM HD after one hour (depending on the ambient temperature). This serves as protection of the waterproofing membrane.

Apply the second layer of POLYAC® BDM M or POLYAC® BDM HD in a different colour than the first. This is to guarantee good coverage of the first layer, to be able to distinguish the waterproofing layer from the protective layer during surface checks and to check whether the waterproof layer is still intact in case of mechanically applied damage. After inspection, the damage can then be determined and local repairs can be carried out. This is thanks to the unlimited re-coat time of the entire system.

Immediately after applying this layer, lightly broadcast the surface to improve the adhesion of the next phase. Apply the bitumen primer POLYAC® 17 before finishing with cast asphalt.

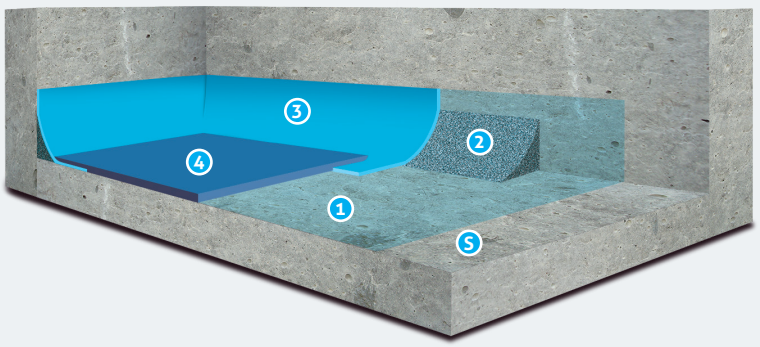
	THE POLYAC® BDM SYSTEM			PARKING ROOF - COMBINED SYSTEM WITH CAST ASPHALT
	Layer	Product name	Consumption	
5	Cast Asphalt			
4	Bituminous intermediate primer	POLYAC® 17	100-150 g/m²	
3	Perforation protective layer	POLYAC® BDM M or POLYAC® BDM HD + lightly broadcasting	1,8 kg/m² 0,25 kg/m²	
2	Waterproofing membrane	POLYAC® BDM M or POLYAC® BDM HD	1,8 kg/m²	
1	Primer	POLYAC® 12 - 14 - 18	0,35 kg/m²	
S	Substrate			

FINISHING DETAILS

CONNECTION TO WALLS AND PLINTHS

Solution for connecting horizontal surfaces to vertical surfaces.

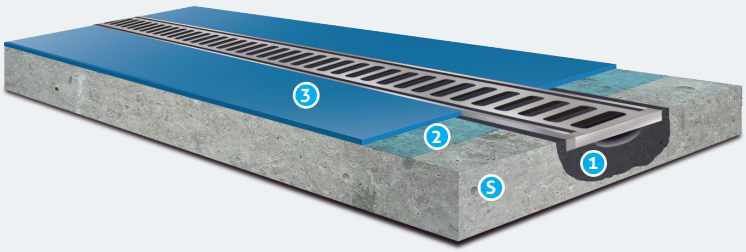
4	After the curing time, one of the systems, as described in the folder, can be applied to the horizontal surface.
3	2 or 3 layers POLYAC® BDM M manually applied, using a brush or roller.
2	Coved skirting POLYAC® BDM M using POLYAC® Thixogène.
1	POLYAC® Primer – depending on the substrate.
S	Substrate



CONNECTION TO CHANNEL DRAINS

Solution for connecting the aforementioned systems to integrated channel drains.

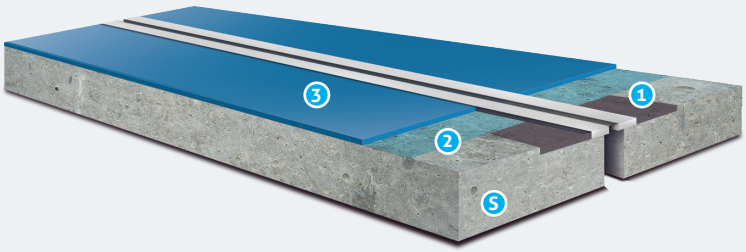
3	After the curing time, one of the systems as described in the folder can be applied to the horizontal surface.
2	Primer adjusted to the type of substrate.
1	The integrated channel drain must first be installed and anchored in the concrete surface, using POLYAC® M.
S	Substrate



CONNECTION TO TRAFFICABLE EXPANSION JOINT PROFILES

Solution for connecting the aforementioned systems to integrated expansion joints profiles.

3	After the curing time, one of the systems, as described in the folder, can be applied to the horizontal surface.
2	Primer adjusted to the type of substrate.
1	The expansion joint profiles must be installed and anchored in the concrete. Use POLYAC® M to level out with the rest of the surface.
S	Substrate



MAINTENANCE POLYAC® SYSTEMS

CLEANING PRODUCTS

POLYAC® systems by Resiplast are insensitive to high PH–concentrations. Alkaline cleaning products can, as such, be used to clean our systems. Both sodium and potassium based products are an option. Surfactants and hypochlorite additives are also harmless.

In case an acid cleansing agent is applicable, only phosphoric acid products can be used. Lime stains should be removed, using dilute hydrochloric acid or an acetic acid solution (in both cases 10% solution) and must be neutralized, rinsed and removed immediately after treatment in order to counteract accumulation after evaporation.

Also ammonia and ammonium chloride concentrations up to a maximum of 1% can be applied. Higher concentrations may cause yellowing of the systems.

CLEANING

For smaller surfaces the best way to clean is brush and/or vacuum clean, and then sand down using a scrubbing brush, rinse, wipe and mop.

In case of anti-slip surfaces, mopping and wiping causes extra wear.

In case of larger surfaces one can first remove loose dirt by brushing and then by cleaning with a brushing machine or water suction unit or combine these by using a cleaning machine for cleaning.

Also, a high pressure washer or steam cleaner can be used, but only up to 50 bar and up to a maximum of 50°C.

The customer will determine the cleaning frequency, considering the dirt accumulation, type of load, environmental conditions, etc.

DISINFECTION

Disinfecting can be done, using products based on hypochlorite, formaldehyde or hydrogen peroxide. In case of using the latter, please note that when the surface is in contact with high concentrations of hydrogen oxide for several hours, discolouration may appear.

Nitric acid will discolour the floor.

ALCOHOL AND SOLVENTS

PMMA and Puma systems are sensitive to alcohol and solvents. We, therefore, strongly recommend NOT using these as a cleaning agent.

Aromatic and Halogen hydrocarbons may not be used at all.

WEAR AND DAMAGE

Wear and/or damage of the top layer, the wear layer and the waterproof layer can be unlimitedly repaired due to the unlimited "re-coat time" of our POLYAC® systems.

Remove damaged or loose parts and restore by applying again the original structuring.

If the primer layer shows damages, this must be applied again to the surface in accordance with the description in the respective the Technical Data Sheet.

ODOUR

PMMA resins (PolyMethylMethAcrylate) are regarded as irritating in case of direct contact to the skin. These resins are, however, not toxic or harmful.

Other resins may cause health problems and allergic reactions in the long term. Since the development, during or after use of PMMA, no health problems or allergies were reported.

The specific odour of methacrylate monomer does not represent any danger. We advise proper ventilation in the workspace in order to get rid of the odour. This will disappear soon after the polymerization of the resin.

The methacrylate monomer has a very low odour threshold (0,008 ppm, 0,8 mg/m³)

The permissible concentration during 8 hours/day and 5 working days per week is 50 ppm. (600 mg/m³ Swedish – Dutch advice council 38 mg/m³)

PERSONAL PROTECTIVE MEASURES

People who come into direct contact with POLYAC® resins are required to wear the following personal protective equipment: gloves, safety glasses and protective mask.

People at a greater distance than 5 meters from processing: no specific protective measures are required.

Additional information can be found in technical documents and the POLYAC® Resins Safety Data Sheets.

RESIPLAST ALSO STANDS FOR:

- IMPREGNATION - COATING
- FLOORS AND SYNTHETIC RESINS
- WATERPROOFING FOR BRIDGES
- WATERPROOFING OF UNDERGROUND STRUCTURES
- FAST ROAD REPAIR
- BONDING
- JOINTS
- GLUED ON REINFORCMENT
- INJECTION RESINS

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