

## Hybrid polyurethane-cement material for anti-slip floors

Description of the	A multi-component coloured floor system	based on polyurethane emulsion, modified hardener for active fillers and		
system	pigment paste.			
Scope of application	MASTERCEM is intended for use in areas	s exposed to medium-to-high mechanical loads, high chemical loads and		
System Bronartics	abrasion.	motte acaled autface with high wear registered		
System Properties	<ul> <li>It is characterised by a anti-slip,</li> <li>Typical floor thickness from 5.0.</li> </ul>	matte sealed surface with high wear resistance.		
	<ul> <li>Typical noor thickness from 5-91</li> <li>High chemical registeres</li> </ul>			
	High mechanical resistance.			
	<ul> <li>High mechanical resistance.</li> <li>Typical applications are found in</li> </ul>	the feed industry		
	<ul> <li>Intended for use by experienced</li> </ul>	contractors		
	System Constructi	on/Product Information		
		Consumption		
Mastercem MCP (Prim	ary Layer)	0.4 kg/cm <sup>2</sup>		
		Packaging (33.8 kg)		
Component A – polyure	thane emulsion	9.4 kg		
Component B – modifie	d hardener	9.4 kg		
Component C - active f	iller	15.0 kg		
		5		
Mastercem MC 100 (St	ructural Laver)	Consumption		
Mastercelli MC 100 (Si		4.0 kg/cm <sup>2</sup>		
		Packaging (63.90 kg)		
Component A – polyure	thane emulsion	9.5 kg		
Component B – modifie	d hardener	9.5 kg		
Component C – active f	iller	15.0 kg		
Quartz sand 0.8-1.2 mm	1	14.2 kg		
Pigment Paste		1.5 Kg		
Mastercem MTC (varn	ish)	Consumption (36.84 Kg)		
-	-	1,25 Kg/ <sup>-</sup>		
Component A – polyure	thane emulsion			
Component B – modifie	d hardener	9.42 kg		
Component $C - active f$	iller	5.42 kg 15.0 kg		
Component D – pigmen	t paste	3.0 kg		
	Storage	e conditions		
Component A		12 months from the date of production. Protect against frost.		
Component B		12 months from the date of production. Protect against frost.		
Component C		6 months from the date of production. Protect against moisture.		
Quartz sand 0.8-1.2 mm	1	24 months from the date on the packaging. Protect against moisture.		
Pigment Paste		12 months from the date of production. Protect against frost.		
The products should be	stored in original and undamaged factory-se	ealed packaging, in dry conditions at temperatures between +5°C and +		
30°C.				
	I echnical	characteristics		
Hardness SH A apport	II PIN EIN 13092-0. 2004			
Hardnoss SH D accord	ing to ASTM D 2240	2 90		
Bending strength accord	arding to PN EN 13892-2:2004	12 7 [N/mm <sup>2</sup> ]		
Compressive strength	according to PN EN 13892-2:2004	37.4 [N/mm <sup>2</sup> ]		
Hynione tests		Complies		
Classification for reaction to fire according to PN EN 13501-				
1:2019-02		B <sub>fl</sub> -s1		
Water permeability compliant with PN EN 1062-3: 2008		0.0045 U=0.0005 [kg/m <sup>2</sup> h <sup>0.5</sup> ]		
Steam permeability co	mpliant with PN EN ISO 7783: 2012	0.291 U=0.012 [g/m <sup>2</sup> d]		
Carbon dioxide perme	ability according to PN EN 1062-6: 2003	0.216   I = 0.004 [a/m2d]		
Method A		0.210 0=0.004 [g/iii d]		
	Curing ti	me (at 20°C):		
Pedestrian traffic		24 h		
Full load After 4 days				
	م م الالد ام ۸	Iroquiromonto		
	Addition the product complice with	h the requirements of DN EN 12912-2002		

In addition, the product complies with the requirements of PN EN 13813:2002

Sicon Spółka z ograniczoną odpowiedzialnością Sp. k. 0000633637

### TAX NUMBER: 517 027 17 17 REGON: 1180372420 KRS:

UI. Pod Borem 22B 36-060 Głogów Małopolska

District Court in Rzeszów, 12th Commercial Division



# SOLID AND DURABLE INDUSTRIAL FLOOR

Application         Application           substrate         The concrete substrate should be strong, it is allowed to apply on wet concrete (up to 15%) clean, slightly rough, with open pores, made in accordance with building standards. All imputities such as: coment milk, dust, ol, gresses           mask         The concrete substrate should be strong, it is allowed to apply on wet concrete. (up to 15%) clean, slightly rough, with open pores, made in accordance with building standards. All imputities such as: coment milk, dust, ol, gresses           The mature concrete must be ground. The required time for maturing of concrete, comman, and repair materials included in the Mastercem system should be prepared for application in accordance with the data given below.           Periodual materials included in the Mastercem system should be prepared for application. In accordance with the data given below.           Mastercem MCP (Prinning layer) - All components of the primer have been prepared in such a way that they do not require special massing. They should only be mixed togather in the concept order. Component A, component shigh-speed mixer with a dispersing date. (When preparing small portions, the individual components should be property weighed.) The colour of the mixed by agnet prepared in such a way that they do not require special massing. They should only be mixed together in the correct order. Co. 8)-12 mm (WH, Merrice A, Andre M, Andre M				· · · · · ·		
Preparation of the substrate         The concrete substrate should be strong, it is allowed to apply on wet concrete (up to 15%) clean, slightly rough, with open pores, made in accordance with building standards. All impurities substrate, and old calings should be removed. The average tossils strong in the arc income measured by the pull-off matched, should not be less that are ported to any strong to any strong in the thore are income to any strong in the inchases of the Massing should be removed.           Preparation         of materials         and clean strong in the inchases of the Massing of the Massing income application method anti-slip system           Preparation         of application method anti-slip system         of Mastercem MCP (Priming layer) - All components of the primer have been prepared in such a way that they do not require special measuring. They should only be mixed together in the correct order. Component A, component Opport weighed.) The colour of the mixed mass should be unitorn. After mixing, spread the material using a height-adipusable squeeges. The laid-out material is spritide with 0.8-1.2 mm quartz sand in a quantity of 1.0 kg/m². After the coating has hardened, vacuum off the loase sand.           Wastercem MC 100 (Structural layer) - All components of the structural layer have been prepared in such a way that thing the net remove of a bole. After mixing, is you the material using a quartz aggregates and component B. All this should be mixed together in the correct order. Component ass should be uniform. After mixing, is you the material using a gauge take specially adapted to the desired thickness. After the material has been laid of using a deserted with a spring atternition to ablewing a uniform colour of the mass. The varish is sprade with a rubber Anza roller by scraping the material ablewing a uniform colour of the mass. The v				Арр	lication	
Master of adject the properties of the entire flow.           Preparation of direct the properties of the entire flow.           Preparation method anti-slip system           antion system	Preparation of substrate	of the	The concrete substrate should be strong, it is allowed to apply on wet concrete (up to 15%) clean, slightly rough, with open pores, made in accordance with building standards. All impurities such as: cement milk, dust, oil, grease marks, fragments that are loose, unbound or poorly attached to the substrate, and old coatings should be removed. The average tensile strength of the concrete, measured by the pull-off method, should not be less than 1.5 MPa. The mature concrete must be ground. The required time for maturing of concrete, cement, and repair materials			
Preparation materials and pilication method anti-sip system         circuit anterials included in the Mastercem system should be prepared for application in accordance with the data given below.           Mastercen MCP (Priming layer) - All components of the primer have been prepared in such a way that they do not require special measuring. They should only be mixed together in the correct order. Component A, component high-speed mixer with a dispersing disc. (When preparing small portions, the individual components should be properly weighed). The colour of the mixed mass should be unform. After mixing, spread the material using a height-adjustable squeegee. The laid-out material is sprinkled with 0.8-1.2 mm quartz sand in a quantity of 1.0 kg/m². After the coating has hardened, vacuum off the loose sand.           Mastercem MC 100 (Structural layer) - All components of the structural layer have been prepared in such a way that they do not require special measuring. They should only be mixed together in the correct order. One by one, component A should be dadde to a subiable container, followed by pigment paste, then component C, 0.8-12 mm quartz aggregates and component B. All this should be deaarated with a spiked roler and spinkled with 0.8-1.2 mm quartz and in the amount 0.8 kg. Alter the coating has hardened, vacuum off the loose sand.           Mastercem MC 100 (Structural layer) and in the coating has hardened, vacuum off the loose sand.         Mastercem MC 100 (Structural layer) and the coating has hardened, vacuum off the loose sand.           Mastercem MC 100 (Structural layer) - All components should be data the value of the loose sand.         Mastercem MC 100 (Structural layer) - All components should be gloanted with a spiked roler and spinkled with 0.8-1.2 mm quartz aggregates and components.           Masterotem MC 1			must be observed. Uneven substrates can cause variations in the thickness of the Mastercem layer, which will			
application method anti-slip system         Mastercem MCP (Priming layer) - All components of the primer have been prepared in such a way that they do not require special measuring. They should only be mixed together in the correct order. Component A, fart the coaling has hardened, vacuum of the lose sand.           Mastercem MCP (Priming layer) - All components of the structural layer have been prepared in such a way that they do not require special measuring. They should only be mixed together in the correct order. One by one component A should be added to a suitable container, followed by pigment paste, then component C, 0.8-1.2 mm quartz sand in the amount of 8.0 kg. After the coaling has hardened, sucu and the a high-speed mixer with a dispersing disc. (When preparing small portions, the individual components should be mixed with a splate-speed mixer with a dispersing disc. (When preparing small portions, the individual components should be mixed with a splate of the desired thickness. After the material has been laid out it should be dealered to the desired thickness. After the material has been laid out the should be mixed with a splate of our any spin distinct on scheiving a uniform colour of the mass. The varinis in spread with a vieluer roller.           Minimum substrate temperature         45°C           Minimum substrate temperature         45°C           Minimum substrate temperature         45°C           Minimum substrate temperature         45°C           Maximum relative humidity         Application data - smo	Preparation materials	of and	direc Parti data	ty affect the properties of the entire flo cular materials included in the Master given below:	or. rcem system should be prepared for application in accordance with the	
anti-slip system         Mastercem MCP (Priming layer) - All components of the primer have been prepared in such a way that they do         on trequire special measuring. They should only be mixed together in the correct order. Component A, component A, component B, should be added one after the other to a suitable container. Alt this should be mixed with a dispersing disc. (When preparing small portions, the individual components should be property weighed.) The colour of the mixed mass should be uniform. After mixing, spread the material using a height-adjustable squeege. The laid-out material is sing a sprinked with 0.61-2. mm quartz sand in a quantity of 1.0	application n	nethod -		-		
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Application conditions           The substrate temperature must be min. 3°C from the dew-point temperature.           Minimum substrate temperature         +5°C           Maximum substrate temperature         +5°C           Maximum substrate temperature         +5°C           Temperature of the material before application         From +10°C to +30°C. Above this temperature, the material is not suitable for laying due to the fast reaction of the components.           Maximum relative humidity         80%           Material havers           1         1           2         1           3         1           1         Primer           Mastercem MCP - 0.4 kg/m <sup>2</sup> 2         1           3         1           Wear layer         Quartz Sand 0.8-1.2 mm 1 kg/m <sup>2</sup> 3         1           Varnish         Mastercem MCP - 0.4 kg/m <sup>2</sup> 5         1         Varnish           Comments and recommendations           Health and safety           Comments and recommendations           Health and safety           Comments and recommendations           Health and safety           conditions </th <th colspan="2"></th> <th colspan="3"><ul> <li>Mastercem MC 100 (Structural layer) - All components of the structural layer have been prepared in such a way that they do not require special measuring. They should only be mixed together in the correct order. One by one, component A should be added to a suitable container, followed by pigment paste, then component C, 0.8-1.2 mm quartz aggregates and component B. All this should be mixed with a high-speed mixer with a dispersing disc. (When preparing small portions, the individual components should be properly weighed.) The colour of the mixed mass should be uniform. After mixing, lay out the material using a gauge rake specially adapted to the desired thickness. After the material has been laid out it should be deaerated with a spiked roller and sprinkled with 0.8-1.2 mm quartz sand in the amount of 8.0 kg. After the coating has hardened, vacuum off the loose sand.</li> <li>Mastercem MTC (Varnish)- the sealing layer is mixed in the same way as the previous two, paying attention to achieving a uniform colour of the mass. The varnish is spread with a rubber Anza roller by scraping the material over the stones and then evening out the coating obtained with a velour roller.</li> </ul></th>			<ul> <li>Mastercem MC 100 (Structural layer) - All components of the structural layer have been prepared in such a way that they do not require special measuring. They should only be mixed together in the correct order. One by one, component A should be added to a suitable container, followed by pigment paste, then component C, 0.8-1.2 mm quartz aggregates and component B. All this should be mixed with a high-speed mixer with a dispersing disc. (When preparing small portions, the individual components should be properly weighed.) The colour of the mixed mass should be uniform. After mixing, lay out the material using a gauge rake specially adapted to the desired thickness. After the material has been laid out it should be deaerated with a spiked roller and sprinkled with 0.8-1.2 mm quartz sand in the amount of 8.0 kg. After the coating has hardened, vacuum off the loose sand.</li> <li>Mastercem MTC (Varnish)- the sealing layer is mixed in the same way as the previous two, paying attention to achieving a uniform colour of the mass. The varnish is spread with a rubber Anza roller by scraping the material over the stones and then evening out the coating obtained with a velour roller.</li> </ul>			
Application conditions           The substrate temperature must be min, 3°C from the dew-point temperature.           Minimum ambient temperature         +5°C           Maximum substrate temperature         +5°C           Maximum substrate and ambient temperature         +5°C           Temperature of the material before application         From +10°C to +30°C. Above this temperature, the material is not suitable for laying due to the fast reaction of the components.           Maximum relative humidity         80%           Order of application layers         Layer type           1         1         Primer           2         1         Sprinkles           2         1         Sprinkles         Quartz Sand 0.8-1.2 mm 1 kg/m²           3         1         Wear layer         Mastercem MCP- 0,4 kg/m²           4         1         Sprinkles         Quartz sand 0.8-1.2 mm 1 kg/m²           5         1         Varnish         Mastercem MTC- 1.25 kg/²           Conditions         The materials included in the system should be used by trained teams of contractors. Use eye protection, respiratory protection and skin protection during work. When working in confined or enclosed spaces, and during drying, adequark eventilation must be provided. Detailed information on hazards is contained in the dater complete hardening, the coating is neutral to health and the environment. <td colspaces,<="" th=""><th></th><th></th><th></th><th></th><th></th></td>	<th></th> <th></th> <th></th> <th></th> <th></th>					
Application continuous           Minimum ambient temperature         +5°C           Minimum substrate temperature         +5°C           Maximum substrate temperature         +30°C           Temperature of the material before application         From +10°C to +30°C. Above this temperature, the material is not suitable for laying due to the fast reaction of the components.           Maximum relative humidity         80% <b>Application data - smooth system (thickness approx. 6.0 mm)</b> Order of application data - smooth system (thickness approx. 6.0 mm)           Order of alayers           1         1           2         1           3         1           Wear layer         Mastercem MCP-0.4 kg/m²           2         1           3         1           Wear layer         Mastercem MC 100 - 4.0 kg/m²           4         1           Sprinkles         Quartz sand 0.8-1.2 mm 8 kg/m²           5         1         Varnish           Comments and recommendations         Mastercem MTC-1.25 kg/²           Comments and recommendations         Use eye protection, respiratory protection and skin protection during work. When working in confineed or enclosed spaces, and during drying, adequate ventilation must be provided. Detailed information on hazards is contained in the Ma			I	Annliesti	an conditions	
The substrate temperature         13°C from the dew-point temperature.           Minimum ambient temperature         +5°C           Maximum substrate and ambient temperature         +5°C           Maximum substrate and ambient temperature         +30°C           Temperature of the material before application         From +10°C to +30°C. Above this temperature, the material is not suitable for laying due to the fast reaction of the components.           Maximum relative humidity         80%           Order of application data - smooth system (thickness approx. 6.0 mm)         Material name           1         1         Primer         Mastercem MCP- 0.4 kg/m²           2         1         Sprinkles         Quartz Sand 0.8-1.2 mm 1 kg/m²           3         1         Wear layer         Mastercem MC 100 - 4.0 kg/m²           4         1         Sprinkles         Quartz sand 0.8-1.2 mm 1 kg/m²           5         1         Varnish         Mastercem MC 100 - 4.0 kg/m²           Comments and recommendations           Health and safety           conditions         The materials included in the system should be used by trained teams of contractors.           Use eye protection, respiratory protection and skin protection during work. When working in confined or enclosed spates of particular products available on request.           Affer complete hardening, the coa				Application	on conditions	
Minimum ambient temperature       +5°C         Maximum substrate temperature       +5°C         Maximum substrate and ambient temperature       +30°C         Temperature of the material before application       From +10°C to +30°C. Above this temperature, the material is not suitable for laying due to the fast reaction of the components.         Maximum relative humidity       80%         Material name <b>Order of</b> Number of         1       1       Primer         2       1       Sprinkles         3       1       Wear layer         3       1       Wear layer         4       1       Sprinkles       Quartz Sand 0.8-1.2 mm 1 kg/m²         5       1       Varnish       Mastercem MCP- 0.4.0 kg/m²         6       1       Varnish       Mastercem MC1-0.25 kg/²         Comments and recommendations         Health and safety         Contractors. Use eye protection, respiratory protection and skin protection during work. When working in confined or enclosed spaces, and during drying, adequate ventilation must be provided. Detailed information on hazards is contained in the Material Safety Data Sheets of particular products available on request.         After complete hardening, the coating is neutral to health and the environment.         Unhardened				The substrate temperature must be r	nin. 3°C from the dew-point temperature.	
Minimum substrate temperature       +5°C         Maximum substrate and ambient temperature       +30°C         Temperature of the material before application       From +10°C to +30°C. Above this temperature, the material is not suitable for laying due to the fast reaction of the components.         Maximum relative humidity       80%         Order of application data - smooth system (thickness approx. 6.0 mm)         Order of application       Layer type         1       1         2       1         3       1         Wear layer       Mastercem MCP- 0.4 kg/m²         3       1         Wear layer       Mastercem MC 100 - 4.0 kg/m²         4       1       Sprinkles         Quartz Sand 0.8-1.2 mm 8 kg/m²       1         5       1       Varnish         Meaterials included in the system should be used by trained teams of contractors.         Use eye protection, respiratory protection and skin protection during work. When working in confined or enclosed spaces, and during drying, adequate ventilation must be provided. Detailed information on hazards is contained in the Material Safety Data Sheets of particular products available on request.         After complete hardening, the coating is neutral to health and the environment.         Storage conditions       Unhardened products and their components should not enter the sewage system, soil or groundwater. It is ecommended to hare	Minimum amb	pient temp	erature	9	+5°C	
Maximum substrate and ambient temperature         +30°C           Temperature of the material before application         From +10°C to +30°C. Above this temperature, the material is not suitable for laying due to the fast reaction of the components.           Maximum relative humidity         80%           Order of application         Layer type           1         1           2         1           3         1           Wear layer         Mastercem MCP- 0.4 kg/m²           2         1           3         1           Wear layer         Mastercem MC 100 - 4.0 kg/m²           4         1           Sprinkles         Quartz sand 0.8-1.2 mm 1 kg/m²           3         1         Wear layer           Mastercem MC 100 - 4.0 kg/m²         4           4         1         Sprinkles           Quartz sand 0.8-1.2 mm 8 kg/m²         5           4         1         Varish           Mastercem MT C-1.25 kg/²         5           Comments and recommendations         1           Use eye protection, respiratory protection and skin protection during work. When working in confined or enclosed spaces, and during drying, adequate ventilation must be provided. Detailed information on hazards is contained in the Material Safety Data Sheets of particular products available on request.	Minimum sub	strate tem	peratu	re	+5°C	
Temperature of the material before application         From +10°C to +30°C. Above this temperature, the material is not suitable for laying due to the fast reaction of the components.           Maximum relative humidity         80%           Application data - smooth system (thickness approx. 6.0 mm)           Order of application         Number of layers         Layer type         Material name           1         1         Primer         Mastercem MCP- 0.4 kg/m²           2         1         Sprinkles         Quartz Sand 0.8-1.2 mm 1 kg/m²           3         1         Wear layer         Mastercem MC 100 - 4.0 kg/m²           4         1         Sprinkles         Quartz sand 0.8-1.2 mm 8 kg/m²           5         1         Varnish         Mastercem MTC-1.25 kg/²           Comments and recommendations           Health and safety conditions         The materials included in the system should be used by trained teams of contractors. Use eye protection, respiratory protection and skin protection during work. When working in confined or enclosed spaces, and during drying, adequate ventilation must be provided. Detailed information on hazards is contained in the Material Safety Data Sheets of particular products available on request.           After complete hardening, the coating is neutral to health and the environment.           Storage conditions         Unhardened products and their components should not enter the sewage system, soil or groundwater. It is essential to harden	Maximum sub	strate and	l ambie	ent temperature	+30°C	
suitable for laying due to the fast reaction of the components.         Maximum relative humidity       suitable for laying due to the fast reaction of the components.         Maximum relative humidity       Application data - smooth system (thickness approx. 6.0 mm)         Order of application       Number of layers       Layer type       Material name         1       1       Primer       Mastercem MCP- 0,4 kg/m <sup>2</sup> 2       1       Sprinkles       Quartz Sand 0.8-1.2 mm 1 kg/m <sup>2</sup> 3       1       Wear layer       Mastercem MC 100 - 4.0 kg/m <sup>2</sup> 4       1       Sprinkles       Quartz sand 0.8-1.2 mm 8 kg/m <sup>2</sup> 5       1       Varnish       Mastercem MTC-1.25 kg/ <sup>2</sup> Comments and recommendations         Health and safety conditions       The materials included in the system should be used by trained teams of contractors. Use eye protection, respiratory protection and skin protection during work. When working in confined or enclosed spaces, and during drying, adequate ventilation must be provided. Detailed information on hazards is contained in the Material Safety Data Sheets of particular products available on request. <i>After complete hardening, the coating is neutral to health and the environment.</i> Storage conditions for system components         Technical Support         It is recommended to consult the producer's technical advisor befor	Temperature	of the mat	erial be	efore application	From +10°C to +30°C. Above this temperature, the material is not	
Maximum relative humidity         B0%           Application data - smooth system (thickness approx. 6.0 mm)           Order of application         Number of layers         Layer type         Material name           1         1         Primer         Mastercem MCP- 0,4 kg/m²           2         1         Sprinkles         Quartz Sand 0.8-1.2 mm 1 kg/m²           3         1         Wear layer         Mastercem MC 100 - 4.0 kg/m²           4         1         Sprinkles         Quartz sand 0.8-1.2 mm 8 kg/m²           5         1         Varnish         Mastercem MTC-1.25 kg/²           Comments and recommendations           Health and safety conditions         The materials included in the system should be used by trained teams of contractors. Use eye protection, respiratory protection and skin protection during work. When working in confined or enclosed spaces, and during drying, adequate ventilation must be provided. Detailed information on hazards is contained in the Material Safety Data Sheets of particular products available on request. <i>After complete hardening, the coating is neutral to health and the environment.</i> Storage conditions for system components         Unhardened products and their components should not enter the sewage system, soil or groundwater. It is essential to harden the residual materials. Hardened materials must be disposed of according to local regulations.           Terchnical Support           It is recommended t					suitable for laving due to the fast reaction of the components.	
Application data - smooth system (thickness approx. 6.0 mm)           Order of application         Number of layers         Layer type         Material name           1         1         Primer         Mastercem MCP- 0,4 kg/m²           2         1         Sprinkles         Quartz Sand 0.8-1.2 mm 1 kg/m²           3         1         Wear layer         Mastercem MC 100 - 4.0 kg/m²           4         1         Sprinkles         Quartz sand 0.8-1.2 mm 8 kg/m²           5         1         Varnish         Mastercem MTC-1.25 kg/²           Comments and recommendations           Health and safety conditions           The materials included in the system should be used by trained teams of contractors. Use eye protection, respiratory protection and skin protection during work. When working in confined or enclosed spaces, and during drying, adequate ventilation must be provided. Detailed information on hazards is contained in the Material Safety Data Sheets of particular products available on request. After complete hardening, the coating is neutral to health and the environment.           Storage conditions for system components         Unhardened products and their components should not enter the sewage system, soil or groundwater. It is eessential to harden the residual materials. Hardened materials must be disposed of according to local regulations.           Technical Support         It is recommended to consult the producer's technical advisor before using the system to ensure that the material an	Maximum rela	ative humio	lity		80%	
Order of application         Number of layers         Layer type         Material name           1         1         Primer         Mastercem MCP- 0.4 kg/m <sup>2</sup> 2         1         Sprinkles         Quartz Sand 0.8-1.2 mm 1 kg/m <sup>2</sup> 3         1         Wear layer         Mastercem MC 100 - 4.0 kg/m <sup>2</sup> 4         1         Sprinkles         Quartz sand 0.8-1.2 mm 8 kg/m <sup>2</sup> 5         1         Varnish         Mastercem MC 100 - 4.0 kg/m <sup>2</sup> Comments and recommendations           Health and safety conditions         The materials included in the system should be used by trained teams of contractors. Use eye protection, respiratory protection and skin protection during work. When working in confined or enclosed spaces, and during drying, adequate ventilation must be provided. Detailed information on hazards is contained in the Material Safety Data Sheets of particular products available on request.           Storage conditions for system components         Unhardened products and their components should not enter the sewage system, soil or groundwater. It is essential to harden the residual materials. Hardened materials must be disposed of according to local regulations.           Technical Support         It is recommended to consult the produce's technical advisor before using the system to ensure that the material and/or system are used correctly.           Final remarks         These specifications are based on trials and laboratory tests. The practical results of the measurements ma	Maximannoid		arcy	Application data - smooth sy	stom (thickness approx 60 mm)	
Order of application         Idyers         Layer type         Material name           1         1         Primer         Mastercem MCP- 0,4 kg/m²           2         1         Sprinkles         Quartz Sand 0.8-1.2 mm 1 kg/m²           3         1         Wear layer         Mastercem MC 100 - 4.0 kg/m²           4         1         Sprinkles         Quartz sand 0.8-1.2 mm 8 kg/m²           5         1         Varnish         Mastercem MTC-1.25 kg/²           Comments and recommendations           Health and safety conditions           The materials included in the system should be used by trained teams of contractors. Use eye protection, respiratory protection and skin protection during work. When working in confined or enclosed spaces, and during drying, adequate ventilation must be provided. Detailed information on hazards is contained in the Material Safety Data Sheets of particular products available on request. After complete hardening, the coating is neutral to health and the environment.           Unhardened products and their components should not enter the sewage system, soil or groundwater. It is essential to harden the residual materials. Hardened materials must be disposed of according to local regulations.           for system components         It is recommended to consult the producer's technical advisor before using the system to ensure that the material and/or system are used correctly.           Final remarks         It is recommended to circumstances beyond the cont	Order of	Numbe	<b>z</b> of	Application data - shooth sy		
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3       1       Wear layer       Mastercem MIC-100*4.0 Kg/m1         4       1       Sprinkles       Quartz sand 0.8-1.2 mm 8 kg/m2         5       1       Varnish       Mastercem MTC-1.25 kg/2         Comments and recommendations         Health and safety conditions         The materials included in the system should be used by trained teams of contractors. Use eye protection, respiratory protection and skin protection during work. When working in confined or enclosed spaces, and during drying, adequate ventilation must be provided. Detailed information on hazards is contained in the Material Safety Data Sheets of particular products available on request. After complete hardening, the coating is neutral to health and the environment.         Storage conditions for system components       Unhardened products and their components should not enter the sewage system, soil or groundwater. It is essential to harden the residual materials. Hardened materials must be disposed of according to local regulations.         Technical Support       It is recommended to consult the producer's technical advisor before using the system to ensure that the material and/or system are used correctly.         Final remarks       These specifications are based on trials and laboratory tests. The practical results of the measurements may differ from those provided, due to circumstances beyond the control of Sicon. All information is given in good faith and takes into account current knowledge and experience. The producer indicates that the colour of the finished floor may vary. This phenomenon does not indicate a defect in the floor or reduced technical speci	2	1		Wear laver	Mastarcom MC 100 4 0 kg/m <sup>2</sup>	
4       1       Sprinkles       Gualize said 0.6-1.2 min 6 kg/m         5       1       Varnish       Mastercem MTC-1.25 kg/²         Comments and recommendations         Health and safety conditions       The materials included in the system should be used by trained teams of contractors. Use eye protection, respiratory protection and skin protection during work. When working in confined or enclosed spaces, and during drying, adequate ventilation must be provided. Detailed information on hazards is contained in the Material Safety Data Sheets of particular products available on request. After complete hardening, the coating is neutral to health and the environment.         Storage conditions for system components       Unhardened products and their components should not enter the sewage system, soil or groundwater. It is essential to harden the residual materials. Hardened materials must be disposed of according to local regulations.         Technical Support       It is recommended to consult the producer's technical advisor before using the system to ensure that the material and/or system are used correctly.         Final remarks       These specifications are based on trials and laboratory tests. The practical results of the measurements may differ from those provided, due to circumstances beyond the control of Sicon. All information is given in good faith and takes into account current knowledge and experience. The producer indicates that the colour of the finished floor may vary. This phenomenon does not indicate a defect in the floor or reduced technical specifications. Possible	3	1		Sprinklog	$\frac{1}{100 - 4.0 \text{ kg/m}^2}$	
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#### Sicon Spółka z ograniczoną odpowiedzialnością Sp. k. 0000633637

### TAX NUMBER: 517 027 17 17 REGON: 1180372420 KRS:

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areas be covered from batches of material from one production run. The product documentation is general information, appropriate under certain conditions.
It is recommended that the purchaser carry out an application test, and performs appropriate checking
The flooring in these areas should be assessed and accepted by the investor/principal. The supplier has no
influence on the types of application, application methods or execution conditions on the site, therefore these instructions may not be held responsible for the end result of the application. Recommendations of Sicon's
associates that deviate from the information in the technical sheet are mandatory only if they are confirmed in
Release Date: 09/2020
All previously issued sheets of the MASTERCEM system shall expire on the date of issue of this sheet.

Sicon Spółka z ograniczoną odpowiedzialnością Sp. k. 0000633637 TAX NUMBER: 517 027 17 17 REGON: 1180372420 KRS:

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District Court in Rzeszów, 12th Commercial Division