Association for the Control of Emissions from Products for Flooring Installation, Adhesives and Building Materials



Awarding of licence for the use of EMICODE

9006/01.10.05
MAPEBAND EASY
Mapei
March 27, 2018

With reference to the classification in accordance with the directives as stipulated in § 10 of the GEV trademark constitution

on behalf of the GEV for the above mentioned product as per § 5, section 4 of the GEV trademark constitution is awarded the licence for the use of the GEV trademark



This product meets with the guidelines for the criteria of use listed reverse. The company is ordinary member of the GEV.

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The Secretary General Association for the Control of Emissions in Products for Flooring Installation, Adhesives and Building Materials (GEV) Völklinger Straße 4 · D-40219 Düsseldorf

OM 035 April 4, 2018 valid until April 4, 2023

The product mentioned on the front side of the licence has to fulfil among others the following criteria in accordance with the Constitution and the guidelines of the Technical Advisory Board of the GEV:

- The product meets all the legal requirements, especially the chemical laws and their specifications.
- The product is solvent free as specified in clause 2.4 of the "GEV Classification Criteria", except if it is a surface treatment product. If the product is assigned to a GISCODE product group then this can be labelled.
- A safety data sheet (SDS) according to local law in its respectively valid version is issued for the product.
- Carcinogenic, mutagenic, reprotoxic substances of the categories 1A or 1B are not added during the manufacture of the product.
- The testing of the product is performed in accordance with the GEV Testing Method. VOC determination is performed in a test chamber followed by the Tenax / thermal desorption procedures with subsequent GC/MS analysis.
- The assignment of an EMICODE class is performed according to the following criteria and TVOC/TSVOC concentration levels. The corresponding EMICODE class shall be used to label the product:

1) Installation products, adhesives and construction products

Parameter	EC 1 ^{PLUS}	EC 1	EC 2
Farameter	max. allowed concentration [µg/m3]		
TVOC after 3 days	<u><</u> 750	<u><</u> 1000	<u><</u> 3000
TVOC after 28 days	<u><</u> 60	<u><</u> 100	<u><</u> 300
TSVOC after 28 days	<u>≤</u> 40	<u><</u> 50	<u><</u> 100
R value based on German AgBB LCI (NIK) after 28 days	1	-	-
Sum of non-assessable VOC	<u><</u> 40	-	-
Formaldehyde after 3 days	<u><</u> 50	<u><</u> 50	<u><</u> 50
Acetaldehyde after 3 days	<u><</u> 50	<u><</u> 50	<u><</u> 50
Sum of form- and acetaldehyde	<u><</u> 0.05 ppm	<u><</u> 0.05 ppm	<u><</u> 0.05 ppm
Sum of volatile C1A/C1B after 3 days	<u><</u> 10	<u><</u> 10	<u><</u> 10
Any volatile C1A/C1B after 28 days	<u><</u> 1	<u><</u> 1	<u><</u> 1

Parameter	EC 1 ^{PLUS}	EC 1	EC 2
Faiametei	max. allowed concentration [µg/m3]		
Sum TVOC + TSVOC + TVVOC after 28 days	≤ 100 thereof max. 40 SVOC	≤ 150 thereof max. 50 SVOC	≤ 450 thereof max. 100 SVOC
Formaldehyde after 3 days	<u><</u> 50	<u><</u> 50	<u><</u> 50
Acetaldehyde after 3 days	<u><</u> 50	<u><</u> 50	<u><</u> 50
Any volatile C1A/C1B after 3 days	<u><</u> 10	<u><</u> 10	<u><</u> 10
Any volatile C1A/C1B after 28 days	<u><</u> 1	<u><</u> 1	<u><</u> 1

Association for the Control of Emissions from Products for Flooring Installation, Adhesives and Building Materials



Awarding of licence for the use of EMICODE

Licence Number:	8416/01.10.05
For the product	MAPEBAND FLEX ROLL
Of company	Мареі
Due to application date	October 4, 2017

With reference to the classification in accordance with the directives as stipulated in § 10 of the GEV trademark constitution

on behalf of the GEV for the above mentioned product as per § 5, section 4 of the GEV trademark constitution is awarded the licence for the use of the GEV trademark



This product meets with the guidelines for the criteria of use listed reverse. The company is ordinary member of the GEV.

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The Secretary General Association for the Control of Emissions in Products for Flooring Installation, Adhesives and Building Materials (GEV) Völklinger Straße 4 · D-40219 Düsseldorf

OM 035 October 6, 2017 valid until October 6, 2022

The flooring installation material mentioned in the front side licence has to meet with the following criteria in accordance with the constitution and guidelines of the Technical Advisory Board of the GEV and others:

- The product meets all the legal requirements, especially the chemical law and its specifications.
- The product is solvent free due to occupational health. Only in case of a wood flooring coating it might contain low content of solvents.
- A safety data sheet (MSDS) according to local law in its respectively valid version is to be established for the product.
- Carcinogenic, mutagenic, reprotoxic substances as well as those substances under suspicion to cause such defects are not permitted to be used in the manufacturing of this product.
- The testing of the product is in accordance with the defined GEV test method. Afterwards the definition of VOC is conducted in a test chamber by using the Tenax thermodesorption procedures with GC/MS analysis.
- The classification into the EMICODE classes is performed according to the following listed and described criteria and TVOC concentration groups. For product labelling the matching EMICODE class is to be used.

			EMICODE	
	GEV product matrix	EC 1 ^{PLUS}	EC 1	EC 2
		ти	OC/TSVOC _{28d} in	µg/m³
1.	Liquid products			
1.1	Primers (floor and wall)	_		
1.2	Ready to use thin fixations and adhesives			
1.3	Damp proof primers or barrier primers			
1.4	Liquid sealants, pasty surface sealants			
2.	Mineral products			
2.1	Cement and calcium sulphate based levelling compounds			
2.2	Cement based and other mineral tile mortars and joint fillers			
2.3	Waterproofing slurries			
2.4	Screeds and screed binding materials			
3.	Pasty products with high content of organic binder	After 3 days	After 3 days	After 3 days
3.1	Pasty adhesives for floor coverings and parquet, ready-to-use adhesive for ceramic tiles, other adhesives	_ <u><</u> 750 TVOC;	<u><</u> 1000 TVOC;	<u><</u> 3000 TVOC;
3.2	Pasty fixations for floor coverings	after 28 days	after 28 days	after 28 days
3.3	Levelling compounds (based on dispersion or reactive resin)	aller 20 days	aller 20 days	aller 20 days
3.4	Powder based adhesives with high content of organic binder	<u><</u> 60 TVOC /	< 100 TVOC /	<u><</u> 300 TVOC /
4.	Ready to use products which do not require chemical curing or physical drying	<u><</u> 40 TSVOC	<u><</u> 50 TSVOC	<u><</u> 100 TSVOC
4.1	Underlays			
4.2	Insulating underlays			
4.3	Self-adhesive tapes and underlays	-		
4.4	Installation boards, decoupling/insulation boards, wall panels			
5.	Joint sealants, joint insulations, joint sealing tapes			
5.1	Joint sealants (based on dispersion or reactive resins), repair fillers			
5.2	Joint insulations, expanding foams			
5.3	Pre-compressed or foam plastic joint sealing tapes	-		
5.4	Sealing membranes, tapes, sleeves for small surfaces			
5.5	Sealing membranes for large surfaces	-		
6.	Surface coating for wood floorings	<u><</u> 100	<u><</u> 150	<u><</u> 450
6.1	Waterborne wood floor coatings		Σ ΤΥΥΟΟ,	$\Sigma \overline{T}VVOC,$
6.2	Water-based joint filler for parquet	TVOC, TSVOC thereof max. 40 SVOC	TVOC, TSVOC thereof max. 50 SVOC	TVOC, TSVOC thereof max. 100 SVOC
		-		

Edition: April 3, 2014

Association for the Control of Emissions from Products for Flooring Installation, Adhesives and Building Materials



Awarding of licence for the use of EMICODE

Licence Number:

7157/01.10.05

KERABOND PLUS

For the product

Of company

Mapei

Due to application date July 5, 2016

With reference to the classification in accordance with the directives as stipulated in § 10 of the GEV trademark constitution

on behalf of the GEV for the above mentioned product as per § 5, section 4 of the GEV trademark constitution is awarded the licence for the use of the GEV trademark



This product meets with the guidelines for the criteria of use listed reverse. The company is ordinary member of the GEV.

4.2

The Secretary General Association for the Control of Emissions in Products for Flooring Installation, Adhesives and Building Materials (GEV) Völklinger Straße 4 · D-40219 Düsseldorf

OM 035 July 6, 2016 valid until July 6, 2021

The flooring installation material mentioned in the front side licence has to meet with the following criteria in accordance with the constitution and guidelines of the Technical Advisory Board of the GEV and others:

- The product meets all the legal requirements, especially the chemical law and its specifications.
- The product is solvent free due to occupational health. Only in case of a wood flooring coating it might contain low content of solvents.
- A safety data sheet (MSDS) according to local law in its respectively valid version is to be established for the product.
- Carcinogenic, mutagenic, reprotoxic substances as well as those substances under suspicion to cause such defects are not permitted to be used in the manufacturing of this product.
- The testing of the product is in accordance with the defined GEV test method. Afterwards the definition of VOC is conducted in a test chamber by using the Tenax thermodesorption procedures with GC/MS analysis.
- The classification into the EMICODE classes is performed according to the following listed and described criteria and TVOC concentration groups. For product labelling the matching EMICODE class is to be used.

			EMICODE	
	GEV product matrix	EC 1 ^{PLUS}	EC 1	EC 2
		ти	OC/TSVOC _{28d} in	µg/m³
1.	Liquid products			
1.1	Primers (floor and wall)			
1.2	Ready to use thin fixations and adhesives			
1.3	Damp proof primers or barrier primers			
1.4	Liquid sealants, pasty surface sealants			
2.	Mineral products			
2.1	Cement and calcium sulphate based levelling compounds			
2.2	Cement based and other mineral tile mortars and joint fillers			
2.3	Waterproofing slurries			
2.4	Screeds and screed binding materials			
3.	Pasty products with high content of organic binder	After 3 days	After 3 days	After 3 days
3.1	Pasty adhesives for floor coverings and parquet, ready-to-use	<u><</u> 750 TVOC;	<u><</u> 1000 TVOC;	<u><</u> 3000 TVOC;
	adhesive for ceramic tiles, other adhesives	<u><</u> /0011000,	<u><</u> 1000 1100,	<u><</u> 000011000,
3.2	Pasty fixations for floor coverings	after 28 days	after 28 days	after 28 days
3.3	Levelling compounds (based on dispersion or reactive resin)	-	,	,
3.4	Powder based adhesives with high content of organic binder	<u><</u> 60 TVOC /	< 100 TVOC /	<u><</u> 300 TVOC /
4.	Ready to use products which do not require chemical curing or physical drying			
4.1	Underlays	<u><</u> 40 TSVOC	<u><</u> 50 TSVOC	<u><</u> 100 TSVOC
4.1	,			
-	Insulating underlays Self-adhesive tapes and underlays	-		
4.3 4.4	Installation boards, decoupling/insulation boards, wall panels	-		
4.4 5.	Joint sealants, joint insulations, joint sealing tapes	-		
5.1	Joint sealants (based on dispersion or reactive resins), repair			
5.1	fillers			
5.2	Joint insulations, expanding foams			
5.3	Pre-compressed or foam plastic joint sealing tapes			
5.4	Sealing membranes, tapes, sleeves for small surfaces			
5.5	Sealing membranes for large surfaces			
6.	Surface coating for wood floorings	<u><</u> 100	<u><</u> 150	<u><</u> 450
6.1	Waterborne wood floor coatings	Σ TVVOC, TVOC, TSVOC thereof max. 40 SVOC	Σ TVVOC, TVOC, TSVOC thereof max. 50 SVOC	Σ TVVOC, TVOC, TSVOC thereof max. 100 SVOC
6.2	Water-based joint filler for parquet	After 3 days ≤ 750 TVOC; after 28 days ≤ 60 TVOC / ≤ 40 TSVOC	After 3 days ≤ 1000 TVOC; after 28 days < 100 TVOC / ≤ 50 TSVOC	After 3 days ≤ 3000 TVOC; after 28 days ≤ 300 TVOC / ≤ 100 TSVOC

Association for the Control of Emissions from Products for Flooring Installation, Adhesives and Building Materials



Awarding of licence for the use of EMICODE

Licence Number:	10691/01.10.05
For the product	ISOLASTIC
Of company	Мареі
Due to application date	July 29, 2019

With reference to the classification in accordance with the directives as stipulated in § 10 of the GEV trademark constitution

on behalf of the GEV for the above mentioned product as per § 5, section 4 of the GEV trademark constitution is awarded the licence for the use of the GEV trademark



This product meets with the guidelines for the criteria of use listed reverse. The company is ordinary member of the GEV.

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The Secretary General Association for the Control of Emissions in Products for Flooring Installation, Adhesives and Building Materials (GEV) Völklinger Straße 4 · D-40219 Düsseldorf

OM 035 July 29, 2019 valid until July 29, 2024

The product mentioned on the front side of the licence has to fulfil among others the following criteria in accordance with the Constitution and the guidelines of the Technical Advisory Board of the GEV:

- The product meets all the legal requirements, especially the chemical laws and their specifications.
- The product is solvent free as specified in clause 2.4 of the "GEV Classification Criteria", except if it is a surface treatment product. If the product is assigned to a GISCODE product group then this can be labelled.
- A safety data sheet (SDS) according to local law in its respectively valid version is issued for the product.
- Carcinogenic, mutagenic, reprotoxic substances of the categories 1A or 1B are not added during the manufacture of the product.
- The testing of the product is performed in accordance with the GEV Testing Method. VOC determination is performed in a test chamber followed by the Tenax / thermal desorption procedures with subsequent GC/MS analysis.
- The assignment of an EMICODE class is performed according to the following criteria and TVOC/TSVOC concentration levels. The corresponding EMICODE class shall be used to label the product:

1) Installation products, adhesives and construction products

Parameter	EC 1 ^{PLUS}	EC 1	EC 2
Parameter	max. allowed concentration [µg/m³]		
TVOC after 3 days	<u><</u> 750	<u><</u> 1000	<u><</u> 3000
TVOC after 28 days	<u><</u> 60	<u><</u> 100	<u><</u> 300
TSVOC after 28 days	<u><</u> 40	<u><</u> 50	<u><</u> 100
R value based on German AgBB LCI (NIK) after 28 days	1	-	-
Sum of non-assessable VOC	<u><</u> 40	-	-
Formaldehyde after 3 days	<u><</u> 50	<u><</u> 50	<u><</u> 50
Acetaldehyde after 3 days	<u><</u> 50	<u><</u> 50	<u><</u> 50
Sum of form- and acetaldehyde	<u><</u> 0.05 ppm	<u><</u> 0.05 ppm	<u><</u> 0.05 ppm
Sum of volatile C1A/C1B after 3 days	<u><</u> 10	<u><</u> 10	<u><</u> 10
Any volatile C1A/C1B after 28 days	<u><</u> 1	<u><</u> 1	<u><</u> 1

Parameter	EC 1 ^{PLUS}	EC 1	EC 2
Farameter	max. allowed concentration [µg/m³]		
Sum TVOC + TSVOC after 28 days	≤ 100 thereof max. 40 SVOC	<u><</u> 150 thereof max. 50 SVOC	\leq 450 thereof max. 100 SVOC
Formaldehyde after 3 days	<u><</u> 50	<u><</u> 50	<u><</u> 50
Acetaldehyde after 3 days	<u><</u> 50	<u><</u> 50	<u><</u> 50
Any volatile C1A/C1B after 3 days	<u><</u> 10	<u><</u> 10	<u><</u> 10
Any volatile C1A/C1B after 28 days	<u><</u> 1	<u><</u> 1	<u><</u> 1

Association for the Control of Emissions from Products for Flooring Installation, Adhesives and Building Materials



Awarding of licence for the use of EMICODE

Licence Number: 6021/01.10.05

For the product

ULTRALITE S2

Of company Mapei S.pA.

Due to application date May 22, 2015

With reference to the classification in accordance with the directives as stipulated in § 10 of the GEV trademark constitution

on behalf of the GEV for the above mentioned product as per § 5, section 4 of the GEV trademark constitution is awarded the licence for the use of the GEV trademark



This product meets with the guidelines for the criteria of use listed reverse. The company is ordinary member of the GEV.

4.2

The Secretary General Association for the Control of Emissions in Products for Flooring Installation, Adhesives and Building Materials (GEV) Völklinger Straße 4 · D-40219 Düsseldorf

OM 035 May 26, 2015 valid until May 26, 2020

The flooring installation material mentioned in the front side licence has to meet with the following criteria in accordance with the constitution and guidelines of the Technical Advisory Board of the GEV and others:

- The product meets all the legal requirements, especially the chemical law and its specifications.
- The product is solvent free due to occupational health. Only in case of a wood flooring coating it might contain low content of solvents.
- A safety data sheet (MSDS) according to local law in its respectively valid version is to be established for the product.
- Carcinogenic, mutagenic, reprotoxic substances as well as those substances under suspicion to cause such defects are not permitted to be used in the manufacturing of this product.
- The testing of the product is in accordance with the defined GEV test method. Afterwards the definition of VOC is conducted in a test chamber by using the Tenax thermodesorption procedures with GC/MS analysis.
- The classification into the EMICODE classes is performed according to the following listed and described criteria and TVOC concentration groups. For product labelling the matching EMICODE class is to be used.

			EMICODE	
	GEV product matrix	EC 1 ^{PLUS}	EC 1	EC 2
		ти	OC/TSVOC _{28d} in	µg/m³
1.	Liquid products			
1.1	Primers (floor and wall)			
1.2	Ready to use thin fixations and adhesives			
1.3	Damp proof primers or barrier primers			
1.4	Liquid sealants, pasty surface sealants			
2.	Mineral products			
2.1	Cement and calcium sulphate based levelling compounds			
2.2	Cement based and other mineral tile mortars and joint fillers			
2.3	Waterproofing slurries			
2.4	Screeds and screed binding materials			
3.	Pasty products with high content of organic binder	After 3 days	After 3 days	After 3 days
3.1	Pasty adhesives for floor coverings and parquet, ready-to-use	<u><</u> 750 TVOC;	<u><</u> 1000 TVOC;	<u><</u> 3000 TVOC;
	adhesive for ceramic tiles, other adhesives	<u><</u> /0011000,	<u><</u> 1000 1100,	<u><</u> 000011000,
3.2	Pasty fixations for floor coverings	after 28 days	after 28 days	after 28 days
3.3	Levelling compounds (based on dispersion or reactive resin)	-	,	,
3.4	Powder based adhesives with high content of organic binder	<u><</u> 60 TVOC /	< 100 TVOC /	<u><</u> 300 TVOC /
4.	Ready to use products which do not require chemical curing or physical drying			
4.1	Underlays	<u><</u> 40 TSVOC	<u><</u> 50 TSVOC	<u><</u> 100 TSVOC
4.1	,			
-	Insulating underlays Self-adhesive tapes and underlays	-		
4.3 4.4	Installation boards, decoupling/insulation boards, wall panels	-		
4.4 5.	Joint sealants, joint insulations, joint sealing tapes	-		
5.1	Joint sealants (based on dispersion or reactive resins), repair			
5.1	fillers			
5.2	Joint insulations, expanding foams			
5.3	Pre-compressed or foam plastic joint sealing tapes			
5.4	Sealing membranes, tapes, sleeves for small surfaces			
5.5	Sealing membranes for large surfaces			
6.	Surface coating for wood floorings	<u><</u> 100	<u><</u> 150	<u><</u> 450
6.1	Waterborne wood floor coatings	Σ TVVOC, TVOC, TSVOC thereof max. 40 SVOC	Σ TVVOC, TVOC, TSVOC thereof max. 50 SVOC	Σ TVVOC, TVOC, TSVOC thereof max. 100 SVOC
6.2	Water-based joint filler for parquet	After 3 days ≤ 750 TVOC; after 28 days ≤ 60 TVOC / ≤ 40 TSVOC	After 3 days ≤ 1000 TVOC; after 28 days < 100 TVOC / ≤ 50 TSVOC	After 3 days ≤ 3000 TVOC; after 28 days ≤ 300 TVOC / ≤ 100 TSVOC

Association for the Control of Emissions from Products for Flooring Installation, Adhesives and Building Materials



Awarding of licence for the use of EMICODE

Licence Number:

9167/01.10.05

For the product KERAQUICK MAXI S1

Of company Mapei

Due to application date May 25, 2018

With reference to the classification in accordance with the directives as stipulated in § 10 of the GEV trademark constitution

on behalf of the GEV for the above mentioned product as per § 5, section 4 of the GEV trademark constitution is awarded the licence for the use of the GEV trademark



This product meets with the guidelines for the criteria of use listed reverse. The company is ordinary member of the GEV.

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The Secretary General Association for the Control of Emissions from Products for Flooring Installation, Adhesives and Building Materials (GEV) Völklinger Straße 4 · D-40219 Düsseldorf

OM 035 May 28, 2018 valid until May 28, 2023

The product mentioned on the front side of the licence has to fulfil among others the following criteria in accordance with the Constitution and the guidelines of the Technical Advisory Board of the GEV:

- The product meets all the legal requirements, especially the chemical laws and their specifications.
- The product is solvent free as specified in clause 2.4 of the "GEV Classification Criteria", except if it is a surface treatment product. If the product is assigned to a GISCODE product group then this can be labelled.
- A safety data sheet (SDS) according to local law in its respectively valid version is issued for the product.
- Carcinogenic, mutagenic, reprotoxic substances of the categories 1A or 1B are not added during the manufacture of the product.
- The testing of the product is performed in accordance with the GEV Testing Method. VOC determination is performed in a test chamber followed by the Tenax / thermal desorption procedures with subsequent GC/MS analysis.
- The assignment of an EMICODE class is performed according to the following criteria and TVOC/TSVOC concentration levels. The corresponding EMICODE class shall be used to label the product:

1) Installation products, adhesives and construction products

Parameter	EC 1 ^{PLUS}	EC 1	EC 2
Farameter	max. allowed concentration [µg/m3]		
TVOC after 3 days	<u><</u> 750	<u><</u> 1000	<u><</u> 3000
TVOC after 28 days	<u><</u> 60	<u><</u> 100	<u><</u> 300
TSVOC after 28 days	<u>≤</u> 40	<u><</u> 50	<u><</u> 100
R value based on German AgBB LCI (NIK) after 28 days	1	-	-
Sum of non-assessable VOC	<u><</u> 40	-	-
Formaldehyde after 3 days	<u><</u> 50	<u><</u> 50	<u><</u> 50
Acetaldehyde after 3 days	<u><</u> 50	<u><</u> 50	<u><</u> 50
Sum of form- and acetaldehyde	<u><</u> 0.05 ppm	<u><</u> 0.05 ppm	<u><</u> 0.05 ppm
Sum of volatile C1A/C1B after 3 days	<u><</u> 10	<u><</u> 10	<u><</u> 10
Any volatile C1A/C1B after 28 days	<u><</u> 1	<u><</u> 1	<u><</u> 1

Parameter	EC 1 ^{PLUS}	EC 1	EC 2
Faiametei	max. allowed concentration [µg/m3]		
Sum TVOC + TSVOC + TVVOC after 28 days	≤ 100 thereof max. 40 SVOC	≤ 150 thereof max. 50 SVOC	≤ 450 thereof max. 100 SVOC
Formaldehyde after 3 days	<u><</u> 50	<u><</u> 50	<u><</u> 50
Acetaldehyde after 3 days	<u><</u> 50	<u><</u> 50	<u><</u> 50
Any volatile C1A/C1B after 3 days	<u><</u> 10	<u><</u> 10	<u><</u> 10
Any volatile C1A/C1B after 28 days	<u><</u> 1	<u><</u> 1	<u><</u> 1

Association for the Control of Emissions from Products for Flooring Installation, Adhesives and Building Materials



Awarding of licence for the use of EMICODE

Licence Number:	10692/01.10.05
For the product	LATEX PLUS
Of company	Мареі
Due to application date	July 29, 2019

With reference to the classification in accordance with the directives as stipulated in § 10 of the GEV trademark constitution

on behalf of the GEV for the above mentioned product as per § 5, section 4 of the GEV trademark constitution is awarded the licence for the use of the GEV trademark



This product meets with the guidelines for the criteria of use listed reverse. The company is ordinary member of the GEV.

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The Secretary General Association for the Control of Emissions in Products for Flooring Installation, Adhesives and Building Materials (GEV) Völklinger Straße 4 · D-40219 Düsseldorf

OM 035 July 29, 2019 valid until July 29, 2024

The product mentioned on the front side of the licence has to fulfil among others the following criteria in accordance with the Constitution and the guidelines of the Technical Advisory Board of the GEV:

- The product meets all the legal requirements, especially the chemical laws and their specifications.
- The product is solvent free as specified in clause 2.4 of the "GEV Classification Criteria", except if it is a surface treatment product. If the product is assigned to a GISCODE product group then this can be labelled.
- A safety data sheet (SDS) according to local law in its respectively valid version is issued for the product.
- Carcinogenic, mutagenic, reprotoxic substances of the categories 1A or 1B are not added during the manufacture of the product.
- The testing of the product is performed in accordance with the GEV Testing Method. VOC determination is performed in a test chamber followed by the Tenax / thermal desorption procedures with subsequent GC/MS analysis.
- The assignment of an EMICODE class is performed according to the following criteria and TVOC/TSVOC concentration levels. The corresponding EMICODE class shall be used to label the product:

1) Installation products, adhesives and construction products

Parameter	EC 1 ^{PLUS}	EC 1	EC 2
Parameter	max. allowed concentration [µg/m³]		
TVOC after 3 days	<u><</u> 750	<u><</u> 1000	<u><</u> 3000
TVOC after 28 days	<u><</u> 60	<u><</u> 100	<u><</u> 300
TSVOC after 28 days	<u><</u> 40	<u><</u> 50	<u><</u> 100
R value based on German AgBB LCI (NIK) after 28 days	1	-	-
Sum of non-assessable VOC	<u><</u> 40	-	-
Formaldehyde after 3 days	<u><</u> 50	<u><</u> 50	<u><</u> 50
Acetaldehyde after 3 days	<u><</u> 50	<u><</u> 50	<u><</u> 50
Sum of form- and acetaldehyde	<u><</u> 0.05 ppm	<u><</u> 0.05 ppm	<u><</u> 0.05 ppm
Sum of volatile C1A/C1B after 3 days	<u><</u> 10	<u><</u> 10	<u><</u> 10
Any volatile C1A/C1B after 28 days	<u><</u> 1	<u><</u> 1	<u><</u> 1

Parameter	EC 1 ^{PLUS}	EC 1	EC 2	
Farameter	max. allowed concentration [µg/m³]			
Sum TVOC + TSVOC after 28 days	≤ 100 thereof max. 40 SVOC	<u><</u> 150 thereof max. 50 SVOC	≤ 450 thereof max. 100 SVOC	
Formaldehyde after 3 days	<u><</u> 50	<u><</u> 50	<u><</u> 50	
Acetaldehyde after 3 days	<u><</u> 50	<u><</u> 50	<u><</u> 50	
Any volatile C1A/C1B after 3 days	<u><</u> 10	<u><</u> 10	<u><</u> 10	
Any volatile C1A/C1B after 28 days	<u><</u> 1	<u><</u> 1	<u><</u> 1	

Association for the Control of Emissions from Products for Flooring Installation, Adhesives and Building Materials



Awarding of licence for the use of EMICODE

Licence Number:	3234/01.10.05
For the product	Ultracolor Plus
Of company	Mapei
Due to application date	July 26, 2011

With reference to the classification in accordance with the directives as stipulated in § 10 of the GEV trademark constitution

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on behalf of the GEV for the above mentioned product as per § 5, section 4 of the GEV trademark constitution is awarded the licence for the use of the GEV trademark



This product meets with the guidelines for the criteria of use listed reverse. The company is ordinary member of the GEV.

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The Secretary General Association for the Control of Emissions in Products for Flooring Installation, Adhesives and Building Materials (GEV) Völklinger Straße 4 · D-40219 Düsseldorf

OM 035 March 13, 2019 valid until March 13, 2024

The product mentioned on the front side of the licence has to fulfil among others the following criteria in accordance with the Constitution and the guidelines of the Technical Advisory Board of the GEV:

- The product meets all the legal requirements, especially the chemical laws and their specifications.
- The product is solvent free as specified in clause 2.4 of the "GEV Classification Criteria", except if it is a surface treatment product. If the product is assigned to a GISCODE product group then this can be labelled.
- A safety data sheet (SDS) according to local law in its respectively valid version is issued for the product.
- Carcinogenic, mutagenic, reprotoxic substances of the categories 1A or 1B are not added during the manufacture of the product.
- The testing of the product is performed in accordance with the GEV Testing Method. VOC determination is performed in a test chamber followed by the Tenax / thermal desorption procedures with subsequent GC/MS analysis.
- The assignment of an EMICODE class is performed according to the following criteria and TVOC/TSVOC concentration levels. The corresponding EMICODE class shall be used to label the product:

1) Installation products, adhesives and construction products

Paramatar	EC 1 ^{PLUS}	EC 1	EC 2
Parameter	max. allowed concentration [µg/m3]		
TVOC after 3 days	<u><</u> 750	<u><</u> 1000	<u><</u> 3000
TVOC after 28 days	<u><</u> 60	<u><</u> 100	<u><</u> 300
TSVOC after 28 days	<u><</u> 40	<u><</u> 50	<u><</u> 100
R value based on German AgBB LCI (NIK) after 28 days	1	-	-
Sum of non-assessable VOC	<u><</u> 40	-	-
Formaldehyde after 3 days	<u><</u> 50	<u><</u> 50	<u><</u> 50
Acetaldehyde after 3 days	<u><</u> 50	<u><</u> 50	<u><</u> 50
Sum of form- and acetaldehyde	<u><</u> 0.05 ppm	<u><</u> 0.05 ppm	<u><</u> 0.05 ppm
Sum of volatile C1A/C1B after 3 days	<u><</u> 10	<u><</u> 10	<u><</u> 10
Any volatile C1A/C1B after 28 days	<u><</u> 1	<u><</u> 1	<u><</u> 1

Parameter	EC 1 ^{PLUS}	EC 1	EC 2
Parameter	max. allowed concentration [µg/m3]		
Sum TVOC + TSVOC after 28 days	≤ 100 thereof max. 40 SVOC	≤ 150 thereof max. 50 SVOC	≤ 450 thereof max. 100 SVOC
Formaldehyde after 3 days	<u><</u> 50	<u><</u> 50	<u><</u> 50
Acetaldehyde after 3 days	<u><</u> 50	<u><</u> 50	<u>≤</u> 50
Any volatile C1A/C1B after 3 days	<u><</u> 10	<u><</u> 10	<u><</u> 10
Any volatile C1A/C1B after 28 days	<u><</u> 1	<u><</u> 1	<u><</u> 1

Association for the Control of Emissions from Products for Flooring Installation, Adhesives and Building Materials



Awarding of licence for the use of EMICODE

Licence Number: 3729/01.10.05

For the product Kerapoxy

Of company Mapei

Due to application date June 14, 2012

With reference to the classification in accordance with the directives as stipulated in § 10 of the GEV trademark constitution

on behalf of the GEV for the above mentioned product as per § 5, section 4 of the GEV trademark constitution is awarded the licence for the use of the GEV trademark



This product meets with the guidelines for the criteria of use listed reverse. The company is ordinary member of the GEV.

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The Secretary General Association for the Control of Emissions from Products for Flooring Installation, Adhesives and Building Materials (GEV) Völklinger Straße 4 · D-40219 Düsseldorf

OM 035 June 13, 2017 valid until June 13, 2022

The flooring installation material mentioned in the front side licence has to meet with the following criteria in accordance with the constitution and guidelines of the Technical Advisory Board of the GEV and others:

- The product meets all the legal requirements, especially the chemical law and its specifications.
- The product is solvent free due to occupational health. Only in case of a wood flooring coating it might contain low content of solvents.
- A safety data sheet (MSDS) according to local law in its respectively valid version is to be established for the product.
- Carcinogenic, mutagenic, reprotoxic substances as well as those substances under suspicion to cause such defects are not permitted to be used in the manufacturing of this product.
- The testing of the product is in accordance with the defined GEV test method. Afterwards the definition of VOC is conducted in a test chamber by using the Tenax thermodesorption procedures with GC/MS analysis.
- The classification into the EMICODE classes is performed according to the following listed and described criteria and TVOC concentration groups. For product labelling the matching EMICODE class is to be used.

	EMICODE			
	GEV product matrix	EC 1 ^{PLUS}	EC 1	EC 2
		1	OC/TSVOC _{28d} in	µg/m³
1.	Liquid products			
1.1	Primers (floor and wall)			
1.2	Ready to use thin fixations and adhesives			
1.3	Damp proof primers or barrier primers			
1.4	Liquid sealants, pasty surface sealants			
2.	Mineral products			
2.1	Cement and calcium sulphate based levelling compounds			
2.2	Cement based and other mineral tile mortars and joint fillers			
2.3	Waterproofing slurries			
2.4	Screeds and screed binding materials	-		
3.	Pasty products with high content of organic binder	After 3 days	After 3 days	After 3 days
3.1	Pasty adhesives for floor coverings and parquet, ready-to-use adhesive for ceramic tiles, other adhesives	<u><</u> 750 TVOC;	<u><</u> 1000 TVOC;	<u><</u> 3000 TVOC;
3.2	Pasty fixations for floor coverings	after 28 days	after 28 days	after 28 days
3.3	Levelling compounds (based on dispersion or reactive resin)			aller 20 days
3.4	Powder based adhesives with high content of organic binder	<u><</u> 60 TVOC /	< 100 TVOC /	<u><</u> 300 TVOC /
4.	Ready to use products which do not require chemical curing or physical drying	<u><</u> 40 TSVOC	<u><</u> 50 TSVOC	<u><</u> 100 TSVOC
4.1	Underlays			
4.2	Insulating underlays	-		
4.3	Self-adhesive tapes and underlays			
4.4	Installation boards, decoupling/insulation boards, wall panels			
5.	Joint sealants, joint insulations, joint sealing tapes			
5.1	Joint sealants (based on dispersion or reactive resins), repair fillers			
5.2	Joint insulations, expanding foams			
5.3	Pre-compressed or foam plastic joint sealing tapes	-		
5.4	Sealing membranes, tapes, sleeves for small surfaces	-		
5.5	Sealing membranes for large surfaces	1		
6.	Surface coating for wood floorings	<u><</u> 100	<u><</u> 150	<u><</u> 450
6.1	Waterborne wood floor coatings	Σ ΤΥΥΟΟ,	Σ ΤΥΥΟΟ,	Σ TVVOC,
6.2	Water-based joint filler for parquet	TVOC, TSVOC thereof max. 40 SVOC	TVOC, TSVOC thereof max. 50 SVOC	TVOC, TSVOC thereof max. 100 SVOC

Edition: April 3, 2014

Association for the Control of Emissions from Products for Flooring Installation, Adhesives and Building Materials



Awarding of licence for the use of EMICODE

Licence Number:	5187/01.10.05
For the product	Mapesil AC
Of company	Мареі

Due to application date April 14, 2014

With reference to the classification in accordance with the directives as stipulated in § 10 of the GEV trademark constitution

on behalf of the GEV for the above mentioned product as per § 5, section 4 of the GEV trademark constitution is awarded the licence for the use of the GEV trademark



This product meets with the guidelines for the criteria of use listed reverse. The company is ordinary member of the GEV.

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The Secretary General Association for the Control of Emissions in Products for Flooring Installation, Adhesives and Building Materials (GEV) Völklinger Straße 4 · D-40219 Düsseldorf

OM 035 April 8, 2019 valid until April 8, 2024

The product mentioned on the front side of the licence has to fulfil among others the following criteria in accordance with the Constitution and the guidelines of the Technical Advisory Board of the GEV:

- The product meets all the legal requirements, especially the chemical laws and their specifications.
- The product is solvent free as specified in clause 2.4 of the "GEV Classification Criteria", except if it is a surface treatment product. If the product is assigned to a GISCODE product group then this can be labelled.
- A safety data sheet (SDS) according to local law in its respectively valid version is issued for the product.
- Carcinogenic, mutagenic, reprotoxic substances of the categories 1A or 1B are not added during the manufacture of the product.
- The testing of the product is performed in accordance with the GEV Testing Method. VOC determination is performed in a test chamber followed by the Tenax / thermal desorption procedures with subsequent GC/MS analysis.
- The assignment of an EMICODE class is performed according to the following criteria and TVOC/TSVOC concentration levels. The corresponding EMICODE class shall be used to label the product:

1) Installation products, adhesives and construction products

Parameter	EC 1 ^{PLUS}	EC 1	EC 2
Parameter	max. allowed concentration [µg/m³]		
TVOC after 3 days	<u><</u> 750	<u><</u> 1000	<u><</u> 3000
TVOC after 28 days	<u><</u> 60	<u><</u> 100	<u><</u> 300
TSVOC after 28 days	<u><</u> 40	<u><</u> 50	<u><</u> 100
R value based on German AgBB LCI (NIK) after 28 days	1	-	-
Sum of non-assessable VOC	<u><</u> 40	-	-
Formaldehyde after 3 days	<u><</u> 50	<u><</u> 50	<u><</u> 50
Acetaldehyde after 3 days	<u><</u> 50	<u><</u> 50	<u><</u> 50
Sum of form- and acetaldehyde	<u><</u> 0.05 ppm	<u><</u> 0.05 ppm	<u><</u> 0.05 ppm
Sum of volatile C1A/C1B after 3 days	<u><</u> 10	<u><</u> 10	<u><</u> 10
Any volatile C1A/C1B after 28 days	<u><</u> 1	<u><</u> 1	<u><</u> 1

Parameter	EC 1 ^{PLUS}	EC 1	EC 2	
Farameter	max. allowed concentration [µg/m³]			
Sum TVOC + TSVOC after 28 days	≤ 100 thereof max. 40 SVOC	<u><</u> 150 thereof max. 50 SVOC	≤ 450 thereof max. 100 SVOC	
Formaldehyde after 3 days	<u><</u> 50	<u><</u> 50	<u><</u> 50	
Acetaldehyde after 3 days	<u><</u> 50	<u><</u> 50	<u><</u> 50	
Any volatile C1A/C1B after 3 days	<u><</u> 10	<u><</u> 10	<u><</u> 10	
Any volatile C1A/C1B after 28 days	<u><</u> 1	<u><</u> 1	<u><</u> 1	