SteelKote

designed to endure

SteelKote
designed to endure

Sustainable

25 years of protection

More with less

SteelKote gives the substrate long-term protection against all atmospheric influences (in compliance with ISO 12944). Furthermore, SteelKote technology achieves this while using significantly less layer thickness than any other conventional systems.


H
B

Corrosion-proof

Class C1 t/m C5

Extreme corrosion and abrasion resistant

SteelKote guarantees extreme corrosion resistance under any atmospheric conditions (in compliance with ISO ISO 12944). SteelKote is very abrasion resistant and therefore offers perfect protection to every corrosion class.

Impermeable

IM 1, 2 & 3

Impermeable and chemically resistant

SteelKote coatings have a very compact structure and therefore are nearly impenetrable and chemically resistant. This makes the coatings ideal for immersion in soil as well as in fresh, salty and brackish water.

35 years of coating innovation results in ultimate steel protection

SteelKote

SteelKote represents 35 years of innovation by Baril Coatings compiled in a system for ultimate protection of steel. The SteelKote system is compiled from products that have been continuously developed in the last three decades and have absolutely proven themselves under the most strenuous atmospheric conditions.

Ultimate steel protection
SteelKote systems protect steel over a very long period. It enables you to have intervals of 25 years for major maintenance. This sharply reduces the costs for maintenance. SteelKote coatings offers NORSOK certified systems for protection against heavy weather influences and corrosion.

Reduced environmental burden
The result of a high content of solids and the use of thin-layer technology is that you need less coating per m2. Consequently, a considerable reduction in VOC emissions and a significant drop of prices per square metre.

Certification
The coatings have endured the most intensive tests and practical trials. The test reports show high scores, including in tests of salt spray and flexibility.

SteelKote for steel construction

+ Utmost protections of objects in corrosion classes up to and including C5
+ Less coating per m^2
+ Reduced environmental burden

SteelKote voor immersie

+ Utmost protections of objects in soil, salty, fresh and brackish water (IM 1, 2 & 3)
+ NORSOK M501 certified
+ Easy processing

SteelKote for machines and equipment

+ Fast turnaround time in the production process
+ Optimal protection against damage
+ Less coating per m^2

SteelKote for infrastructure

+ Utmost protection of objects in corrosion classes up to and including C5
+ Reduced environmental burden
+ Very long-lasting gloss retention

SteelKote for offshore

+ Utmost protection of objects in corrosion classes C5 and immersion
+ NORSOK M501 certified
+ Less coating per m^2

SteelKote coatings

Atmospheric conditions

Atmospheric conditions

Our climate and atmospheric conditions are factors that cause corrosion in metal substrates. According to ISO 9223, atmospheric conditions are divided into corrosion classes C1 through C5; a minimum and maximum corrosion speed is determined for each class. Baril Coatings offers the most sustainable SteelKote paint system based on the corrosion class in the environment in which the material is applied. SteelKote systems can be tailor-made to meet the ideal protection for your product.

C5 Very high corrosivity >25 years protection
Outdoor application in coastal and off-shore areas that have an aggressive atmosphere and high salt concentrations.

C5M | Medium 5-15 years	
Layer 1 805 SteelKote EP ZN HS	60µm
Layer 2 806 SteelKote EP Miox	100µm
Layer 3 808 SteelKote PC HS UV+	60µm
Total	**220µm**

C5M | High >15 years	
Layer 1 805 SteelKote EP ZN HS	80µm
Layer 2 806 SteelKote EP Miox	100µm
Layer 3 808 SteelKote PC HS UV+	80µm
Total	**260µm**

C5M | Extreme 25 years	
Layer 1 805 SteelKote EP ZN HS	100µm
Layer 2 806 SteelKote EP Miox	120µm
Layer 3 808 SteelKote PC HS UV+	100µm
Total	**320µm**

Life span is indicative. This may differ depending on application and circumstances.

C5i | Medium 5-15 years	
Layer 1 804 SteelKote EP Universal	80µm
Layer 2 804 SteelKote EP Universal	80µm
Layer 3 808 SteelKote PC HS UV+	60µm
Total	**220µm**

C5i | High >15 years	
Layer 1 804 SteelKote EP Universal	80µm
Layer 2 804 SteelKote EP Universal	100µm
Layer 3 808 SteelKote PC HS UV+	80µm
Total	**260µm**

C5i | Extreme 25 years	
Layer 1 804 SteelKote EP Universal	100µm
Layer 2 804 SteelKote EP Universal	120µm
Layer 3 808 SteelKote PC HS UV+	100µm
Total	**320µm**

Film thickness NORSOK certification

C4 High corrosivity >25 years protection

Indoor application in an environment with high humidity and moderate pollution such as in chemical companies, swimming pools and ship docks. Outdoor application in industrial and coastal areas with moderate salt content and areas with high humidity and an aggressive atmosphere.

C4 | Medium 5-15 years	
Layer 1 804 SteelKote EP Universal	100µm
Layer 2 808 SteelKote PC HS UV+	80µm
Total	**180µm**

C4 | High >15 years	
Layer 1 804 SteelKote EP Universal	60µm
Layer 2 804 SteelKote EP Universal	80µm
Layer 3 808 SteelKote PC HS UV+	60µm
Total	**200µm**

C4 | Extreme 25 years	
Layer 1 804 SteelKote EP Universal	80µm
Layer 2 804 SteelKote EP Universal	100µm
Layer 3 808 SteelKote PC HS UV+	80µm
Total	**260µm**

Life span is indicative. This may differ depending on application and circumstances.

C4 Galvanized | Medium 5-15 years	
Layer 1 806 SteelKote EP Miox	80µm
Layer 2 808 SteelKote PC HS UV+	60µm
Total	**140µm**

C4 Galvanized | High >15 years	
Layer 1 806 SteelKote EP Miox	80µm
Layer 2 808 SteelKote PC HS UV+	80µm
Total	**160µm**

C4 Galvanized | Extreme 25 years	
Layer 1 806 SteelKote EP Miox	100µm
Layer 2 808 SteelKote PC HS UV+	100µm
Total	**200µm**

Film thickness NORSOK certification

C3 Average corrosivity >25 years protection
Indoor application in business premises with high humidity and limited air pollution, such as the food industry, laundries and breweries. Outdoor application in cities and industrial areas with limited SO2-pollution and coastal areas with low salt content.

C2/C3 outside | Medium 5-15 years	
Layer 1 802 SteelKote EP	60µm
Layer 2 807 SteelKote PC HS	60µm
Total	**120µm**

C2/C3 outside | High >15 years	
Layer 1 802 SteelKote EP	80µm
Layer 2 807 SteelKote PC HS	60µm
Total	**140µm**

C2/C3 outside | Extreme 25 years	
Layer 1 802 SteelKote EP	100µm
Layer 2 807 SteelKote PC HS	80µm
Total	**180µm**

Life span is indicative. This may differ depending on application and circumstances.

C1 & C2 Geringe corrosiviteit >25 years protection
Indoor application in non-heated buildings, such as storage facilities or sport halls, where light condensation can occur. Outdoor application in dry rural areas with little air pollution.

C1/C2 inside | Medium 5-15 years	
Layer 1 802 SteelKote EP	60µm
Total	**60µm**

C1/C2 inside | High >15 years	
Layer 1 802 SteelKote EP	80µm
Total	**80µm**

C1/C2 inside | Extreme 25 years	
Layer 1 802 SteelKote EP	100µm
Total	**100µm**

Film thickness

NORSOK Systems
NORSOK is a standard for safeguarding the safety, added value and cost-effectiveness of conserved objects in the petroleum industry. It specifies various test methods and acceptable values for various off-shore applications and environments.

NORSOK M501 System 7B | Extreme >25 years	
Layer 1 815 SteelKote IM Mastic AL	225µm
Layer 2 816 SteelKote IM Mastic Miox	225µm
Total (Immersion 1, 2 & 3)	**450µm**

NORSOK M501 System 7B | Extreme >25 years	
Layer 1 604 DualCure Iso Primer *	80µm
Layer 2 814 SteelKote IM TR	175µm
Layer 3 814 SteelKote IM TR	175µm
Total (Immersion 1, 2 & 3)	**430µm**

* For the NORSOK M501 System 7B, 814 SteelKote IM TR is combined with 604 DualCure Iso Primer from the DualCure product line.

Life span is indicative. This may differ depending on application and circumstances.

Film thickness NORSOK certification

801 SteelKote TC Primer

A universal high solids epoxy primer based on anti corrosive pigments and inert fillers. Easy to apply in high film thickness with excellent hiding power and anticorrosive properties.

FEATURES

Specially developed for application on new steel structures, where high performance protection has to be combined with fast processing, curing and reduction of solvent emissions. As a primer in multi layer systems on steel, galvanised and aluminum structures in an industrial environment. Formulated for speed of application and handling in industrial paint lines for OEM coating systems.

PERFORMANCE AND PROPERTIES

Gloss:	Silky gloss
Volume solids:	64 volume % (mixed product)
VOS:	≤ 325 gr/ltr.
gr/ltr.	

Dry times

At a standard dry film thickness of 80 µm.
(method: BYK Drying recorder)

Dust free:	1,25 hour
Manageable:	3 hour
Recoatable:	2 hour

802 SteelKote EP

A high solids epoxy coating based on anti corrosive pigments. Easy to apply in high film thickness with excellent hiding power. Developed as a primer or coating on steel, galvanised and aluminum structures.

FEATURES

As anti-corrosive primer/finish in color on blasted steel (Sa 2½ minimum) in industrial environments. Suitable for one-layer finishing inside buildings. Due to fast curing the coating can resist mechanical impact because of transport or application within a short time. On blasted substrates a minimum RA-value of 10-15 µm is advised.

PERFORMANCE AND PROPERTIES

Gloss:	Silky gloss
Volume solids:	66-68 volume +/-2% (mixed product)
VOS:	≤ 325 gr/ltr.

Dry times

With Activator 911 at a standard dry film thickness of 80 µm. (method: BYK Drying recorder)

Dust free:	2 hour
Manageable:	6-8 hour
Recoatable:	8 hour

Drying times are indicative. These may differ depending on application and circumstances.

803 SteelKote EP AC+

A universal anti corrosion high solids epoxy coating, based on anti-corrosion pigments and inert fillers. Easy to apply in high film thickness with excellent buildon on sharp edges. 803 SteelKote EP AC+ is specially developed for applications on new steel structures, where high-grade protection has to be combined with fast curing and reduction of solvent emissions. It is a multipurpose epoxy primer/finish with extreme corrosion resistance.

FEATURES

- extreme adhesion;
- extreme barrier properties;
- extreme corrosion resistance;
- extreme flexibility;
- complies with COT 30.01/47.16;
- ready to spray;
- extreme hiding power;
- up to 18,5% higher application output;
- low temperature curing;
- for indoors application as a “one coat” system or as
- primer/coating in epoxy systems;
- resistant to water spill, various solvents and chemicals;
- for outside applications this coating should be over
- coated to prevent chalking.

PERFORMANCE AND PROPERTIES

Gloss:	Silky gloss (initial gloss)
Volume solids:	± 70 volume % (mixed product)
VOS:	≤ 290 gr/ltr.

Dry times

At a standard dry film thickness of 80 µm.
(method: BYK Drying recorder)

Dust free:	2 hour
Manageable:	6-8 hour
Recoatable:	4 hour

804 SteelKote EP Universal

A universal anti corrosive high solids epoxy primer/coating, based on anti-corrosion pigments and inert fillers. Easy to apply in high film thickness with excellent buildon on sharp edges. 804 SteelKote EP Universal is specially developed for application on new steel structures, under aggressive atmospheric circumstances and marine and offshore, where high-grade protection has to be combined with fast curing and reduction of solvent emissions. It is a Multipurpose epoxy primer/finish with extreme corrosion resistance (6 months Salt spray), where extremely high demands are set.

FEATURES

- extreme adhesion;
- extreme barrier properties;
- extreme corrosion resistance;
- extreme flexibility;
- certified according COT KO 16.76;
- for indoors application as a “one coat” system or as
- primer/coating in epoxy systems;
- resistant to water spill, various solvents and chemicals;
- for outside applications this coating should be over
- coated to prevent chalking.

PERFORMANCE AND PROPERTIES

Gloss:	Silky gloss
Volume solids:	± 68 volume % (mixed product)
VOS:	≤ 290 gr/ltr.

Dry times

At a standard dry film thickness of 80 µm.
(method: BYK Drying recorder)

Dust free:	2 hour
Manageable:	6-8 hour
Recoatable:	8 hour

Drying times are indicative. These may differ depending on application and circumstances.

805 SteelKote EP ZN HS

A high solids high build zinc rich epoxy primer with extreme corrosion control. Durable anticorrosive protection of Sa 2-2½ blasted steel in two component coating systems. Economical solutions: formulated for speed of application and handling. Application up to 125 µm dry film thickness without any risk on cracking or common zinc rich primer related defects.

FEATURES

- extreme adhesion;
- extreme barrier properties;
- extreme corrosion resistance;
- high build zinc rich primer, no mudcraking;
- excellent build-on on sharp edges;
- fast curing;
- ready to spray;
- highly flexible;
- alternative for galvanising and zinc silicate;
- certified according COT KO 16.53.

PERFORMANCE AND PROPERTIES

Gloss:	Matt
Volume solids:	± 58 volume % (mixed product)
VOS:	≤ 395 gr/ltr.

Dry times

At a standard dry film thickness of 75 µm.
(method: BYK Drying recorder)

Dust free:	25 minutes
Manageable:	3 hour
Recoatable:	3 hour

806 SteelKote EP Miox

A universal anti corrosive high solids low aromatic EPA compliant epoxy coating, reinforced with micaceous iron ore. Applied as a single coat system it combines a high quality protection with easy application. Very good corrosion control and extreme sealing properties and mechanical strength. The product can be applied as a primer or coating on steel structures in aggressive atmospherical and industrial environments. Due to its high solids and low aromatic content it is highly recommended where emission of solvents need to be reduced and labour circumstances to be optimized. Very low odour impact.

FEATURES

- extreme adhesion;
- extreme barrier properties;
- extreme corrosion resistance;
- extreme flexibility;
- NORSOK approved M501 specifications in atmospherical
- and industrial systems;
- ready to spray at 70% volume solids;
- resistant to water spill, various solvents and chemicals;
- for outside applications this coating should be over
- coated to prevent chalking;
- high flash point creates more safety during storage and
- application;
- very low Aware-code; favourable working conditions;
- very low odour impact.

PERFORMANCE AND PROPERTIES

Gloss:	Silky gloss
Volume solids:	ca. 70 volume % (mixed product)
VOS:	≤ 250 gr/ltr.

Dry times

at a standard dry film thickness of 100 µm.
(method: BYK Drying recorder)

Dust free	2 hours
Manageable:	16 hours
Recoatable:	8 hours

Drying times are indicative. These may differ depending on application and circumstances.

807 SteelKote PC HS

A high quality two component high solids polyester reinforced polyurethane coating with anti corrosive properties. Top coat in epoxy/ polyurethane coating systems where high demands are set with regard to colour retention and mechanical strength. Pre-eminently suitable for application at chemical plants, offshore rigs, refineries, containers and constructions in various atmospherical and industrial environments (up to and including C5). As DTM coating applicable up to and including C2 conditions.

FEATURES

- compliant with 2004/42/EC cat B, sub d topcoats;
- wet on wet application;
- easy mixing ratio;
- extreme colour retention and mechanical strength.

PERFORMANCE AND PROPERTIES

Glans:	Gloss
Volume solids:	± 63 volume % (mixed product)
VOS:	≤ 360 gr/ltr.

Dry times

With Activator 924 at 55% RH and standard dry film thickness of 80 µm. (method: BYK Drying recorder)

Dust free	2 hours
Manageable:	8 hours
Recoatable:	5 hours

808 SteelKote PC HS UV+

A high quality two component high solids polyester reinforced polyurethane coating with excellent anti corrosive properties. Top coat in epoxy/polyurethane coating systems where high demands are set with regard to colour retention and mechanical strength. Pre-eminently suitable for application at chemical plants, offshore rigs, refineries, containers and constructions in various atmospherical and industrial environments (up to and including C5). Suitable as DTM coating.

FEATURES

- patented technology NL1034986, US 8889798,
- EP 2238210, CA 2713534;
- compliant with 2004/42/EC cat B, sub d topcoats;
- wet on wet application;
- easy mixing ratio;
- extreme colour retention and mechanical strength.

PERFORMANCE AND PROPERTIES

Glans:	Semi Gloss
Volume solids:	± 63 volume % (mixed product)
VOS:	≤ 340 gr/ltr.

Dry times

At 55% RH and standard dry film thickness of 80 µm .
(method: BYK Drying recorder)

Dust free	1,5 hours
Manageable:	10 hours
Recoatable:	8 hours

Drying times are indicative. These may differ depending on application and circumstances.

809 SteelKote PC SX UV+

High solids anti corrosive epoxy siloxane hybrid coating with extreme atmospherical durability and optimal mechanical impact resistance. Specially developed for durable protection of steel structures under high corrosive circumstances. Optimal reduction of solvent emissions during application, due to its high solids content. Finishing coat in two-coat system in combination with 805 SteelKote EP ZN HS as primer, providing an ideal system for protection of storage tanks (exterior), offshore platforms, ship building, bridges and various steel structures.

FEATURES

- heavy duty properties;
- super high solid;
- abrasion resistant;
- extreme mechanical properties;
- very high UV resistance;
- easy application;
- spill resistant to (sea) water and various chemicals and solvents;

PERFORMANCE AND PROPERTIES

Glans:	Full Gloss
Volume solids:	± 70 volume % (mixed product)
VOS:	≤ 255 gr/ltr.

Dry times

At 55% RH and standard dry film thickness of 120 µm .
(method: BYK Drying recorder)

Dust free	4 hours
Manageable:	8 hours
Recoatable:	8 hours

817 SteelKote PU Primer Surfacer HS

Matt high solids two component polyurethane primer/surfacer.

FEATURES

As a fast drying surfacer on pre-treated ferrous and nonferrous substrates. Specially developed for speed of application on a variety of substrates with fast processing and handling. Perfect suitability for industrial application for OEM, ACE, commercial vehicles, foundries, etc. in combination with PoluRan topcoats.

PERFORMANCE AND PROPERTIES

Glans:	Matt
Volume solids:	± 50 volume % (mixed product)
VOS:	≤ 457 gr/ltr.

Dry times

With Activator 903 at 55% RH and at a standard dry fiml thickness of 80 µm.

Dust free	30 minutes
Manageable:	2 hours
Recoatable:	2 hours (maximum interval 7 days)

Drying times are indicative. These may differ depending on application and circumstances.

810 SteelKote PU Finish

A semi gloss high solids two component polyurethane finish based on hydroxy acrylate and aliphatic isocyanate.

FEATURES

Topcoat in epoxy and polyurethane coating systems for applications where high demands are set with respect to colour and gloss retention, resistance to chemicals and mechanical properties. Due to aesthetic properties, preeminently suitable for application on sendzimir zinc-coated substrates, and industrial objects as machinery, containers, trailers, agricultural equipment, etc.

PERFORMANCE AND PROPERTIES

Gloss:	Semi gloss
Volume solids:	ca. 56 volume % (mixed product)
VOS:	≤ 410 gr/ltr.

Dry times

At 55% RH and standard dry film thickness of 120 µm .
(method: BYK Drying recorder)

Dust free	1 hours
Manageable:	6 hours
Recoatable:	8 hours

811 SteelKote PU Finish 30 UV+

A silky gloss high solids two component polyurethane finish based on hydroxy acrylate and aliphatic isocyanate.

FEATURES

Topcoat in epoxy and polyurethane coating systems for applications where high demands are set with respect to colour and gloss retention, resistance to chemicals and mechanical properties. Pre-eminently suitable for application on sendzimir zinccoated substrates, and industrial objects as machinery, containers, trailers, agricultural equipment, etc.

PERFORMANCE AND PROPERTIES

Gloss:	Silky gloss
Volume solids:	ca. 56 volume % (mixed product)
VOS:	≤ 430 gr/ltr.

Dry times

At 55% RH and standard dry film thickness of 120 µm .
(method: BYK Drying recorder)

Dust free	1 hours
Manageable:	6 hours
Recoatable:	8 hours

Drying times are indicative. These may differ depending on application and circumstances.

812 SteelKote PU Finish 60 UV+

A semi gloss high solids two component polyurethane finish based on hydroxy acrylate and aliphatic isocyanate.

FEATURES

Topcoat in epoxy and polyurethane coating systems for applications where high demands are set with respect to colour and gloss retention, resistance to chemicals and mechanical properties. Due to good aesthetic properties, pre-eminently suitable for application on sendzimir zinccoated substrates, and industrial objects as machinery, containers, trailers, agricultural equipment, etc.

PERFORMANCE AND PROPERTIES

Gloss:	Semi gloss
Volume solids:	ca. 56 volume % (mixed product)
VOS:	≤ 420 gr/ltr.

Dry times

With Activator 903 at a standard dry film thickness of 80 µm. (method: BYK Drying recorder)

Dust free	1 hours
Manageable:	6 hours
Recoatable:	8 hours

813 SteelKote PU Finish 90 UV+

A high gloss high solids two component polyurethane finish based on hydroxy acrylate and aliphatic isocyanate.

FEATURES

Topcoat in epoxy and polyurethane coating systems for applications where high demands are set with respect to colour and gloss retention, resistance to chemicals and mechanical properties. Pre-eminently suitable for application on sendzimir zinccoated substrates, and industrial objects as machinery, containers, trailers, agricultural equipment, etc.

PERFORMANCE AND PROPERTIES

Gloss:	Full gloss
Volume solids:	ca. 56 volume % (mixed product)
VOS:	≤ 420 gr/ltr.

Dry times

With Activator 903 at a standard dry film thickness of 80 µm. (method: BYK Drying recorder)

Dust free	1 hours
Manageable:	4s hours
Recoatable:	8 hours

Drying times are indicative. These may differ depending on application and circumstances.

846 SteelKote MC HS Zinc Primer

846 SteelKote MC HS Zinc Primer is a high build zinc rich primer on blasted steel, based on the DCC technology, providing extreme corrosion resistance and corrosion undercutting. 846 SteelKote MC HS Zinc Primer is formulated for ease of application. The characteristics enable low temperature cure and resistance to mud cracking at high film thickness. 846 SteelKote MC HS Zinc Primer offers extreme mechanical properties.

FEATURES

- high film build;
- cold cure;
- strong CO2/VOC reduction;
- quick processing (application and assembling in one day) up
- to 40% cost reduction;
- >30 years durability in combination with DCC Top Coat;
- high mechanical strength;
- early assembly properties;
- beats galvanizing;

PERFORMANCE AND PROPERTIES

Glans:	Matt
Volume solids:	± 66 volume % (mixed product)
VOS:	≤ 300 gr/ltr.

Dry times

at 75% RH and at a standard dry film thickness of 50µ m.
(method: BYK Drying recorder)

Dust free	1 hours
Manageable:	4 hours
Recoatable:	3 days

847 SteelKote MC AL Primer

One component moisture cure polyurethane primer/sealer and coating on various metal substrates. Primer/sealer for anti corrosive protection of blasted steel (Sa 2-2½) cold rolled steel, pre-treated aluminum and galvanised substrates. Primer on ST 2-3 and hand derusted steel surfaces and sealer on old one and two component coating systems.

FEATURES

- moisture cure technology;
- unique maintenance coating;
- all weather application;
- brush, roll and spray application;
- thin film technology, good penetrating and sealing
- properties;
- heat resistant up to 180°C;
- up to 50 years proven Fortis Coatings technology.

PERFORMANCE AND PROPERTIES

Glans:	Semi gloss
Volume solids:	± 48 volume % (mixed product)
VOS:	≤ 460 gr/ltr.

Dry times

at 75% RH and at a standard dry film thickness of 50µ m.
(method: BYK Drying recorder)

Dust free	1 hours
Manageable:	4 hours
Recoatable:	6 hours

Drying times are indicative. These may differ depending on application and circumstances.

848 SteelKote MC HS Primer

One component anti corrosion moisture cure polyurethane primer for application in high humidity (damp surface) and at low temperatures. High performance/thin film technology. High flexibility.

FEATURES

- moisture cured technology;
- perfect mainenance primer;
- applicable on slightly moist substrates;
- all-season application;
- high corrosion resistance;
- wear-resistant;
- high mechanical strength;
- good curing at low temperatures;
- short application times due to rapid curing;
- recoatable with all SteelKote topcoats;
- resistant to marine and waste water, crude oil and various
- chemicals and solvents.

PERFORMANCE AND PROPERTIES

Glans:	Matt
Volume solids:	± 80 volume % (mixed product)
VOS:	≤ 180 gr/ltr.

Dry times

At 50% RH and at a standard dry film thickness of 60µ m.
(method: BYK Drying recorder)

Dust free	30 minutes
Manageable:	3 hours
Recoatable:	3 hours (max. 5 days)

849 SteelKote MC HS Midcoat

One component anti corrosion moisture cure polyurethane coating for application in high humidity (damp surface) and at low temperatures. High performance/thin film technology. High flexibility.

FEATURES

- moisture cured technology;
- perfect mainenance coating;
- applicable on slightly moist substrates;
- all-season application;
- very good barrier properties;
- wear-resistant;
- high mechanical strength;
- good curing at low temperatures;
- short application times due to rapid curing;
- recoatable with all SteelKote topcoats;
- resistant to marine and waste water, crude oil and various
- chemicals and solvents.

PERFORMANCE AND PROPERTIES

Glans:	Matt
Volume solids:	± 80 volume % (mixed product)
VOS:	≤ 180 gr/ltr.

Dry times

At 50% RH and at a standard dry film thickness of 60µ m.
(method: BYK Drying recorder)

Dust free	30 minutes
Manageable:	3 hours
Recoatable:	3 hours (max. 5 days)

Drying times are indicative. These may differ depending on application and circumstances.

850 SteelKote MC Barrier Black

One component high solids moisture cure polyurethane coating, for application in high humidity (damp surface) and at low temperatures. High performance/thin film technology. High quality tar free DTM coating on pre-treated steel. In combination with 248 PoluRan MC Primecoat it provides excellent tight and impenetrable protection in aggressive environments. Specially developed to replace coal tar epoxies, in immersion conditions, IM-1, IM-2 and IM-3.

FEATURES

High performance/thin film technology. High quality tar free DTM coating on pre-treated steel. In combination with 248 PoluRan MC Primecoat it provides excellent tight and impenetrable protection in aggressive environments. Specially developed to replace coal tar epoxies, in immersion conditions, IM-1, IM-2 and IM-3.

PERFORMANCE AND PROPERTIES

Glans:	Matt
Volume solids:	± 58 volume % (mixed product)
VOS:	≤ 380 gr/ltr.

Dry times

At 50% RH and at a standard dry film thickness of 80µ m.
(method: BYK Drying recorder)

Dust free	3 hours
Manageable:	6 hours
Recoatable:	8 hours (maximum interval 5 days)

814 SteelKote IM TR

A universal anti corrosive high solids tar replacement epoxy coating, reinforced with micaceous iron oxide. Combines high quality protection and easy application. 814 SteelKote IM TR is a universal primer/ coating for durable protection of steel structures in aggressive atmospherical and industrial environments, as well as for immersion in soil and (sea-) water (Im 1, 2, 3).

FEATURES

- extreme adhesion;
- extreme barrier properties;
- extreme corrosion resistance;
- extreme flexibility;
- high film build flexible epoxy immersion coating (extreme
- impermeability; diffusion resistance number μ >90.000);
- good water and chemical resistance and high mechanical
- strength;
- also suitable for immersion;
- applicable at 5°C and 90% relative humidity;
- 814 SteelKote IM TR is certified according COT KO 24.34.

PERFORMANCE AND PROPERTIES

Glans:	Eggshell gloss
Volume solids:	± 70 volume % (mixed product)
VOS:	≤ 250 gr/ltr.

Dry times

At 50% RH and at a standard dry film thickness of 60μ m.
(method: BYK Drying recorder)

Dust free	2 hours
Manageable:	16 hours
Recoatable:	8 hours

Drying times are indicative. These may differ depending on application and circumstances.

815 SteelKote IM Mastic AL

A surface tolerant, biobased two component, EPA compliant anti corrosive aluminum mastic primer/coating, based on special epoxy resins and a modified phenalkamine curing agent. 815 SteelKote IM Mastic AL is specially developed as a surface tolerant maintenance primer/coating on ST-2 cleaned surfaces, hand prepared steel and old paint systems, as well as Sa2½ blasted substrates. Early water resistance and good wetting properties enables application at high relative humidity (90%, damp surface). Recoatable with itself, epoxy and polyurethane coatings, vinyl and alkyd products. A very tight, impenetrable coating, resistant to abrasion, chemical impact and water immersion, even as a single coat system.

FEATURES

- biobased mastic epoxy;
- heavy duty properties;
- NORSOK approved;
- immersion qualified;
- ocean proofed; splash zone resistant;
- super high solid;
- abrasion resistant;
- extreme mechanical properties;
- easy application;
- good curing at low temperatures (5°C);
- easy application by airless as well as by brush/roller;
- suitable for application up to and including C5-I, C5-M, IM-
- 1, IM-2, IM-3 environments according to ISO 12944;
- for outside applications this coating should be over
- coated to prevent chalking;
- in combination with 16738 UniCure Miox, Norsok M501
- system 7 (immersion) certified.

PERFORMANCE AND PROPERTIES

Glans:	Eggshell gloss
Volume solids:	± 80 volume % (mixed product)
VOS:	≤ 160 gr/ltr.

Dry times

At 50% RH and standard dry film thickness of 250 µm .
(method: BYK Drying recorder)

Dust free	4 hours
Manageable:	16 hours
Recoatable:	8 hours

816 SteelKote IM Mastic Miox

A surface tolerant anti corrosive biobased two component coating based on special epoxy resins and a modified phenalkamine curing agent. 816 SteelKote IM Mastic Miox is specially developed as a surface tolerant maintenance sealer/coating on ST-2 cleaned surfaces, hand prepared steel and old paint systems, as well as Sa2½ blasted substrates. Early water resistance and good wetting enables application at high relative humidity (90%, damp surface). Recoatable with itself, epoxy and polyurethane coatings, vinyl and alkyd products. A very tight, impenetrable coating, resistant to abrasion, chemical impact and water immersion, even as a single coat system.

FEATURES

- biobased mastic epoxy;
- heavy duty properties;
- NORSOK approved;
- immersion qualified;
- ocean proofed;
- splash zone resistant;
- super high solid;
- abrasion resistant;
- extreme mechanical properties;
- easy application;
- good curing at low temperatures (5°C);
- easy application by airless as well as by brush/roller;
- suitable for applicaton up to and including C5-I, C5-M, IM-
- 1, IM-2, IM-3 environments according to ISO 12944;
- for outside applications this coating should be over
- coated to prevent chalking;
- in combination with 16638 UniCure AL, Norsok M501
- system 7 (immersion) certified.

ERFORMANCE AND PROPERTIES

Glans:	Eggshell gloss
Volume solids:	± 82 volume % (mixed product)
VOS:	≤ 160 gr/ltr.

Dry times

At 50% RH and standard dry film thickness of 250 µm .
(method: BYK Drying recorder)

Dust free	4 hours
Manageable:	16 hours
Recoatable:	8 hours

Drying times are indicative. These may differ depending on application and circumstances.

Bij Baril Coatings maken we ons sterk voor een duurzame samenleving. Al onze medewerkers hebben hierbij dezelfde ambitie: oplossingen op maat bieden die perfect passen bij de klant én die respect hebben voor de leefomgeving. Baril Coatings is ontwikkelaar en producent van kwalitatief hoogwaardige, industriële coatings en bouwverven die zeer duurzaam zijn. We leveren ze wereldwijd aan staal- en utiliteitsbouw, OEM en metaalindustrie, marine en offshore en aan schildersbedrijven.

Innovatief en duurzaam
We dagen onszelf iedere dag uit om het weer een stukje beter te doen. Het resultaat: onze klanten kunnen rekenen op nieuwe, flexibele, innovatieve en duurzame oplossingen voor extreme buitenduurzaamheid en corrosiebescherming.

Meer met minder
Baril Coatings heeft een missie. “We willen klanten helpen om hun objecten duurzaam te beschermen en tegelijkertijd hun global footprint te verkleinen. Onze ambitie is meer bereiken met minder.”

Langdurige bescherming én verantwoord
Baril Coatings wil de beste coating leveren voor een brede toepassing en dat willen we ook nog eens zo duurzaam mogelijk doen. De productie van Baril Coatings is verantwoord en emissiearm door de inzet van biobased grondstoffen, 100% duurzame energie (eigen zonnepanelen gecombineerd met windenergie) en door het beperken van afval door hergebruik en afvalscheiding. We dringen het gebruik van gevaarlijke stoffen terug, werken aan nog schonere fabrieken, veilige werkplekken en we rijden met elektrische en hybride auto's. Ook onze producten zijn duurzaam. Veel van onze producten zijn gemaakt van biobased en/of watergedragen grondstoffen en ze bieden een langdurige bescherming voor iedere gewenste ondergrond. Wij zijn ons bewust van onze verantwoordelijkheid als producent. Alles wat we erin stoppen, willen we er ook weer uithalen. We investeren maximaal in nieuwe technieken om emissievrij te kunnen produceren. Eventuele emissie wordt middels ionisatie technologie geneutraliseerd. 0% uitstoot is onze ambitie.

Wereldwijd
Baril Coatings is in 1982 gestart met de productie van verf en coatings. Inmiddels is het bedrijf uitgegroeid tot een echte ontwikkelaar van innovatieve, duurzame oplossingen en wereldwijd actief met productielocaties in Nederland, de VS en Polen.

Sustainable Coating Solutions

BARIL

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