

## C2 Paint systems for low-alloy carbon steel for corrosively category C2

ISO12944:2018

System No.	Recommended Application	Primer		Primer/Midcoat Primer		Topcoat		Total NKFK*	Expected Durability**			
		Generic Name Paint System Serial No	NKFK*	Generic Name Paint System Serial No	NKFK*	Generic Name Paint System Serial No	NKFK*		Low	Medium	High	Very High
1	indoor			Alkyd KA01/KA300/KS03	60	Alkyd KA01/KA300/KS82/KS24/KS03	40	100				
2				Epoxy BA900/BA095/BA094/BA124/BA011	60	Epoxy,Polyurethane BA900/BA095/BA094/BA124/BA011 BS80/BS867/BS865/BS869	60	120				
3	indoor	Epoxy, ES ( Zinc Rich ) BA69/BA693/BA985/BA977	60					60				
4	indoor			Epoxy BA900/BA095/BA094/BA124/BA011	60	Epoxy,Polyurethane BA900/BA095/BA094/BA124/BA011 BS80/BS867/BS865/BS869	60	120				
5	outdoor			Epoxy BA900/BA095/BA094/BA124/BA011	60	Polyurethane BS867/BS865/BS869	60	120				
6	indoor			Alkyd KA01/KA300/KS03	120	Alkyd KA01/KA300/KS82/KS24/KS03	40	160				
7	indoor	Epoxy, ES ( Zinc Rich ) BA69/BA693/BA985/BA977	60	Epoxy BA900/BA095/BA094/BA124/BA011	50	Epoxy,Polyurethane BA900/BA095/BA094/BA124/BA011 BS80/BS867/BS865/BS869	50	160				
8	outdoor	Epoxy, ES ( Zinc Rich ) BA69/BA693/BA985/BA977	60	Epoxy BA900/BA095/BA094/BA124/BA011	50	Polyurethane BS80/BS867/BS865/BS869	50	160				
9	indoor			Epoxy BA900/BA095/BA094/BA124/BA011	120	Epoxy,Polyurethane BA900/BA095/BA094/BA124/BA011 BS80/BS867/BS865/BS869	60	180				
10	outdoor			Epoxy BA900/BA095/BA094/BA124/BA011	120	Polyurethane BS80/BS867/BS865/BS869	60	180				
11	indoor			Alkyd KA01/KA300/KS03	140	Alkyd KA01/KA300/KS82/KS24/KS03	60	200				

Note \*NDF: Nominal dry film thickness , \*\* : KANSAI ALTAN's recommendation of paint system for expected durability , If other systems are required, please ask Kansai Altan representative!

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Protective Coatings

## C3 Paint systems for low-alloy carbon steel for corrosively category C3

ISO12944:2018

System No.	Recommended Application	Primer		Primer/Midcoat Primer		Topcoat		Total NKFK*	Expected Durability**			
		Generic Name Paint System Serial No	NKFK*	Generic Name Paint System Serial No	NKFK*	Generic Name Paint System Serial No	NKFK*		Low	Medium	High	Very High
1	indoor			Alkyd KA01/KA300/KS03	60	Alkyd KA01/KA300/KS82/KS24/KS03	40	100				
2				Epoxy BA900/BA095/BA094/BA124/BA011	60	Epoxy,Polyurethane BA900/BA095/BA094/BA124/BA011 BS80/BS867/BS865/BS869	60	120				
3	indoor	Epoxy, ES ( Zinc Rich ) BA69/BA693/BA985/BA977	60					60				
4	indoor			Epoxy BA900/BA095/BA094/BA124/BA011	60	Epoxy,Polyurethane BA900/BA095/BA094/BA124/BA011 BS80/BS867/BS865/BS869	60	120				
5	outdoor			Epoxy BA900/BA095/BA094/BA124/BA011	60	Polyurethane BS80/BS867/BS865/BS869	60	120				
6	indoor			Alkyd KA01/KA300/KS03	100	Alkyd KA01/KA300/KS82/KS24/KS03	60	160				
7	indoor	Epoxy, ES ( Zinc Rich ) BA69/BA693/BA985/BA977	60	Epoxy BA900/BA095/BA094/BA124/BA011	40	Epoxy,Polyurethane BA900/BA095/BA094/BA124/BA011 BS80/BS867/BS865/BS869	60	160				
8	outdoor	Epoxy, ES ( Zinc Rich ) BA69/BA693/BA985/BA977	60	Epoxy BA900/BA095/BA094/BA124/BA011	40	Polyurethane BS80/BS867/BS865/BS869	60	160				
9	indoor			Epoxy BA900/BA095/BA094/BA124/BA011	120	Epoxy,Polyurethane BA900/BA095/BA094/BA124/BA011 BS80/BS867/BS865/BS869	60	180				
10	outdoor			Epoxy BA900/BA095/BA094/BA124/BA011	120	Polyurethane BS80/BS867/BS865/BS869	60	180				
11	indoor			Alkyd KA01/KA300/KS03	140	Alkyd KA01/KA300/KS82/KS24/KS03	60	200				
12	indoor	Epoxy, ES ( Zinc Rich ) BA69/BA693/BA985/BA977	60			Epoxy,Polyurethane BA900/BA095/BA094/BA124/BA011 BS80/BS867/BS865/BS869	100	160				
13	outdoor	Epoxy, ES ( Zinc Rich ) BA69/BA693/BA985/BA977	60			Polyurethane BS80/BS867/BS865/BS869	100	160				
14	indoor	Epoxy, ES ( Zinc Rich ) BA69/BA693/BA985/BA977	60	Epoxy BA900/BA095/BA124/BA011	80	Epoxy,Polyurethane BA900/BA095/BA094/BA124/BA011 BS80/BS867/BS865/BS869	60	200				
15	outdoor	Epoxy, ES ( Zinc Rich ) BA69/BA693/BA985/BA977	60	Epoxy BA900/BA095/BA124/BA011	80	Polyurethane BS80/BS867/BS865/BS869	60	200				
16	indoor			Epoxy BA900/BA095/BA124/BA011	180	Epoxy,Polyurethane BA900/BA095/BA094/BA124/BA011 BS80/BS867/BS865/BS869	60	240				
17	outdoor			Epoxy BA900/BA095/BA124/BA011	180	Polyurethane BS80/BS867/BS865/BS869	60	240				

Note \*NDFT: Nominal dry film thickness , \*\* : KANSAI ALTAN's recommendation of paint system for expected durability , If other systems are required, please ask Kansai Altan representative!

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Protective Coatings

## C4 Paint systems for low-alloy carbon steel for corrosively category C4

ISO12944:2018

System No.	Recommended Application	Primer		Primer/Midcoat Primer		Topcoat		Total	Expected Durability**			
		Generic Name Paint System Serial No	NKFK*	Generic Name Paint System Serial No	NKFK*	Generic Name Paint System Serial No	NKFK*		NKFK*	Low	Medium	High
3	indoor	Epoxy, ES ( Zinc Rich ) BA69/BA693/BA985/BA977	60					60				
4	indoor			Epoxy BA900/BA095/BA094/BA124/BA011	60	Epoxy,Polyurethane BA900/BA095/BA094/BA124/BA011 BS80/BS867/BS865/BS869	60	120				
5	outdoor			Epoxy BA900/BA095/BA094/BA124/BA011	60	Polyurethane BS80/BS867/BS865/BS869	60	120				
6	indoor			Alkyd KA01/KA300/KS03	100	Alkyd KA01/KA300/KS82/KS24/KS03	60	160				
7	indoor	Epoxy, ES ( Zinc Rich ) BA69/BA693/BA985/BA977	60	Epoxy BA900/BA095/BA094/BA124/BA011	40	Epoxy,Polyurethane BA900/BA095/BA094/BA124/BA011 BS80/BS867/BS865/BS869	60	160				
8	outdoor	Epoxy, ES ( Zinc Rich ) BA69/BA693/BA985/BA977	60	Epoxy BA900/BA095/BA094/BA124/BA011	40	Polyurethane BS80/BS867/BS865/BS869	60	160				
9	indoor			Epoxy BA900/BA095/BA094/BA124/BA011	120	Epoxy,Polyurethane BA900/BA095/BA094/BA124/BA011 BS80/BS867/BS865/BS869	60	180				
10	outdoor			Epoxy BA900/BA095/BA094/BA124/BA011	120	Polyurethane BS80/BS867/BS865/BS869	60	180				
11	indoor			Alkyd KA01/KA300/KS03	140	Alkyd KA01/KA300/KS82/KS24/KS03	60	200				
12	indoor	Epoxy, ES ( Zinc Rich ) BA69/BA693/BA985/BA977	60			Epoxy,Polyurethane BA900/BA095/BA094/BA124/BA011 BS80/BS867/BS865/BS869	100	160				
13	outdoor	Epoxy, ES ( Zinc Rich ) BA69/BA693/BA985/BA977	60			Polyurethane BS80/BS867/BS865/BS869	100	160				
14	indoor	Epoxy, ES ( Zinc Rich ) BA69/BA693/BA985/BA977	60	Epoxy BA900/BA095/BA124/BA011	80	Epoxy,Polyurethane BA900/BA095/BA094/BA124/BA011 BS80/BS867/BS865/BS869	60	200				
15	outdoor	Epoxy, ES ( Zinc Rich ) BA69/BA693/BA985/BA977	60	Epoxy BA900/BA095/BA124/BA011	80	Polyurethane BS80/BS867/BS865/BS869	60	200				
16	indoor			Epoxy BA900/BA095/BA124/BA011	180	Epoxy,Polyurethane BA900/BA095/BA094/BA124/BA011 BS80/BS867/BS865/BS869	60	240				
17	outdoor			Epoxy BA900/BA095/BA124/BA011	180	Polyurethane BS80/BS867/BS865/BS869	60	240				
18	indoor	Epoxy, ES ( Zinc Rich ) BA69/BA693/BA985/BA977	60	Epoxy BA900/BA095/BA124/BA011	140	Epoxy,Polyurethane BA900/BA095/BA094/BA124/BA011 BS80/BS867/BS865/BS869	60	260				
19	outdoor	Epoxy, ES ( Zinc Rich ) BA69/BA693/BA985/BA977	60	Epoxy BA900/BA095/BA124/BA011	140	Polyurethane BS80/BS867/BS865/BS869	60	260				
20	indoor			Epoxy BA900/BA095/BA124/BA011	240	Epoxy,Polyurethane BA900/BA095/BA094/BA124/BA011 BS80/BS867/BS865/BS869	60	300				
21	outdoor			Epoxy BA900/BA095/BA124/BA011	240	Polyurethane BS80/BS867/BS865/BS869	60	300				

Note \*NDFT: Nominal dry film thickness , \*\* : KANSI ALTAN's recommendation of paint system for expected durability , If other systems are required, please ask Kansai Altan representative!



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**Protective Coatings**

## C5 Paint systems for low-alloy carbon steel for corrosively category C5

ISO12944:2018

System No.	Recommended Application	Primer		Primer/Midcoat Primer		Topcoat		Total	Expected Durability**			
		Generic Name Paint System Serial No	NKFK*	Generic Name Paint System Serial No	NKFK*	Generic Name Paint System Serial No	NKFK*		NKFK*	Low	Medium	High
7	indoor	Epoxy, ES ( Zinc Rich ) BA69/BA693/BA985/BA977	60	Epoxy BA900/BA095/BA094/BA124/BA011	40	Epoxy,Polyurethane BA900/BA095/BA094/BA124/BA011 BS80/BS867/BS865/BS869	60	160				
8	outdoor	Epoxy, ES ( Zinc Rich ) BA69/BA693/BA985/BA977	60	Epoxy BA900/BA095/BA094/BA124/BA011	40	Polyurethane BS80/BS867/BS865/BS869	60	160				
9	indoor			Epoxy BA900/BA095/BA094/BA124/BA011	120	Epoxy,Polyurethane BA900/BA095/BA094/BA124/BA011 BS80/BS867/BS865/BS869	60	180				
10	outdoor			Epoxy BA900/BA095/BA094/BA124/BA011	120	Polyurethane BS80/BS867/BS865/BS869	60	180				
14	indoor	Epoxy, ES ( Zinc Rich ) BA69/BA693/BA985/BA977	60	Epoxy BA900/BA095/BA124/BA011	80	Epoxy,Polyurethane BA900/BA095/BA094/BA124/BA011 BS80/BS867/BS865/BS869	60	200				
15	outdoor	Epoxy, ES ( Zinc Rich ) BA69/BA693/BA985/BA977	60	Epoxy BA900/BA095/BA124/BA011	80	Polyurethane BS80/BS867/BS865/BS869	60	200				
16	indoor			Epoxy BA900/BA095/BA124/BA011	180	Epoxy,Polyurethane BA900/BA095/BA094/BA124/BA011 BS80/BS867/BS865/BS869	60	240				
17	outdoor			Epoxy BA900/BA095/BA124/BA011	180	Polyurethane BS80/BS867/BS865/BS869	60	240				
18	indoor	Epoxy, ES ( Zinc Rich ) BA69/BA693/BA985/BA977	60	Epoxy BA900/BA095/BA124/BA011	140	Epoxy,Polyurethane BA900/BA095/BA094/BA124/BA011 BS80/BS867/BS865/BS869	60	260				
19	outdoor	Epoxy, ES ( Zinc Rich ) BA69/BA693/BA985/BA977	60	Epoxy BA900/BA095/BA124/BA011	140	Polyurethane BS80/BS867/BS865/BS869	60	260				
20	indoor			Epoxy BA900/BA095/BA124/BA011	240	Epoxy,Polyurethane BA900/BA095/BA094/BA124/BA011 BS80/BS867/BS865/BS869	60	300				
21	outdoor			Epoxy BA900/BA095/BA124/BA011	240	Polyurethane BS80/BS867/BS865/BS869	60	300				
22	indoor	Epoxy, ES ( Zinc Rich ) BA69/BA693/BA985/BA977	60	Epoxy BA900/BA095/BA124/BA011	200	Epoxy,Polyurethane BA900/BA095/BA094/BA124/BA011 BS80/BS867/BS865/BS869	60	320				
23	outdoor	Epoxy, ES ( Zinc Rich ) BA69/BA693/BA985/BA977	60	Epoxy BA900/BA095/BA124/BA011	200	Polyurethane BS80/BS867/BS865/BS869	60	320				

Note \*NDFT: Nominal dry film thickness , \*\* : KANSAI ALTAN's recommendation of paint system for expected durability , If other systems are required, please ask Kansai Altan representative!