

Productrange colour changing paints thenex GmbH



WORLDWIDE INDUSTRIAL SERVICES SINCE 1900

order code	Safe temperature	Transition temperature	Transition time	Original color	Color after transition	Remarks
86000060	100°C	145° C	10 min.	Pink	Blue	multicolour change
86000060		320° C	10 min.	Blue	Grey	
86000061	100°C	145°C	10 min.	Pink	Blue	
86000062	100°C	155° C	10 min.	Light brown	Green	multicolour change
86000062		255° C	10 min.	Green	Red-brown	
86000052	180°C	245° C	10 min.	Oxydyellow	Red-brown	
86000063	250°C	390° C	10 min.	Light Violet	Grey	not resistant in ammoniak area's
86000064	300°C	400-450°C	1-2 hrs.	Orange red	Light yellow	contains lead
86000065	180°C	250° C	10 min.	Yellow Green	Black brown	multicolour change
86000065	300°C	450° C	10 min.	Black Brown	Pinky Red	
86000066	250°C	400°C	10 min.	Dark Violet	Grey	multicolour change
86000066		500° C	10 min.	Grey	RAL 1015	
86000066		560° C	10 min.	RAL 1015	Light Blue	
86000039	280°C	After 1 h.@410 °C or 7 h.@380 °C or 14 h.@360 °C or 27 h.@330 °C or 144 h.@310 °C or 336 h.@300 °C change from green to light grey.		Green	Grey	
86000067	210°C	350-370°C	1/2 - 1 hr.	Blue	Broken White	
86000068	160°C	230°C	1/2 hr	Green	Blue	multicolour change
86000068	210°C	330° C	1 hr.	Blue	Broken White	

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86000077	150°C	200°C 250 h light blue 250°C 29 - 48 h light blue 300°C <24h Light blue 310°C < 10 min White The mentioned color changes occur over a temperature range of $\pm 10^\circ \text{C}$ depending on specific formulation and occur within 10 minutes of temperature spike.	24 - 600 hrs	Blue	Bright blue to white	
86200009	150°C	200°C 1400 h no change 250°C 700-800 h light green 300°C 24 - 48h light green 350°C < 24 h light green 390°C < 10 min White The mentioned color changes occur over a temperature range of $\pm 10^\circ \text{C}$ depending on specific formulation and occur within 10 minutes of temperature spike.	See left	Green to white		
86000069	400°C	525° C	2-3 hrs.	Dark Grey	Broken White	colourchange occurs after 2-3 hours!
86000070	<55°C	60° C	<1 min.	Black	Transparant	reversible colourchange
86000028	260°C	deep green colour up to 260°C fading after 3 weeks@280°C Perceptible change after 18 h.@315°C Changes within 3 h.@400°C		Green	White	
89000051	170°C	180°-220° C	no info	Green	Blue	
89000051	300°C	310°-350° C	no info	Blue	White	
86000037		250°-290° C	to follow	Yellow	Red/Brown	

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86000004		250°-440° C		Green	White	
		1500 h.@250 °C light green 600 h.@270 °C/ light grey 16 h.@340 °C - greyish green 1 h.@420 °C - greyish white 30 min.@440 °C- greyish white				

