

TICO® - Guide formulations

Rev. Date: 04/2017

Rev. Number: 01



Solvent-based alkyd melanine resin:
Alkydal F300/Maprenal MF 650

Solvent-based 2K Polyurethane:
Desmophen A 365/Desmodur
N 3390

Product	Quantity in %			
	23.7%		25.1%	26.9%
Pigment level calculated on solid binder:	Alternative A	Alternative B		
RAL 1003 Signal Yellow				
TICO® Yellow 594	39.80	52.82	52.60	
TICO® Yellow 622 N	24.90	25.35	26.10	
HEUCODUR® Yellow 152	13.00			
HEUCODUR® Yellow 251	20.12	19.49	19.10	
Iron Oxid Yellow	2.8	2.34	2.20	
RAL 1004 Golden Yellow				
TICO® Yellow 594	65.15		64.96	
HEUCODUR® Yellow 152	19.60		20.10	
Iron Oxid Yellow	15.25		14.94	
RAL 1005 Honey Yellow				
TICO® Yellow 594	74.90		75.25	
Iron Oxid Yellow	25.02		24.67	
Carbon Black	0.08		0.08	
RAL 1006 Maize Yellow				
TICO® Yellow 594	17.85		18.20	
TICO® Yellow 622 N	34.78		34.60	
HEUCODUR® Yellow 6R	40.12		40.10	
Iron Oxid Yellow	7.25		7.10	

Solvent-based alkyd melanine resin:
Alkydal F300/Maprenal MF 650

Solvent-based 2K Polyurethane:
Desmophen A 365/Desmodur N
3390

Product	Quantity in %			
	23.7%		26.9%	
Pigment level calculated on solid binder:	Alternative A	Alternative B	Alternative A	Alternative B
RAL 1007 Daffodil Yellow				
TICO® Yellow 594	13.50		10.22	
TICO® Yellow 622 N	46.79		43.56	
HEUCODUR® Yellow 251	39.70		46.22	
Carbon Black	0.01			
RAL 1016 Sulfur Yellow				
TICO® Yellow 594	86.70		83.50	
HEUCODUR® Yellow 152	13.30		16.50	
RAL 1021 Canola Yellow				
TICO® Yellow 594	71.20	97.59	81.20	97.20
TICO® Yellow 622 N	2.10	2.41	2.40	2.80
HEUCODUR® Yellow 152	26.70		16.40	
RAL 1023 Traffic Yellow				
TICO® Yellow 594	68.40	96.70	88.40	98.70
TICO® Yellow 622 N	3.10	3.30	3.10	1.30
HEUCODUR® Yellow 152	28.50		8.50	
RAL 1028 Melon Yellow				
TICO® Yellow 622 N	98.03		98.70	
TICO® Orange 640 N	1.97		1.30	

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Pigment level calculated on solid binder:	23.7%	26.9%
RAL 1032 Broom Yellow		
TICO® Yellow 588 N	81.25	
Iron Oxide Yellow	18.75	14.78
TICO® Yellow 594		64.77
HEUCODUR® Yellow 152		20.42
MONOLITE™ Green 600734		0.03
RAL 1033 Dahlia Yellow		
TICO® Yellow 622 N	48.80	50.30
HEUCODUR® Yellow 251	51.20	49.70
RAL 1037 Sun Yellow		
TICO® Yellow 622 N	50.30	51.20
HEUCODUR® Yellow G 9180	24.60	28.84
HEUCODUR® Yellow 3R	15.25	19.94
Iron Oxide Yellow	9.85	
MONOLITE™ Green 600734		0.02

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Product	Quantity in %	
Pigment level calculated on solid binder:	23.7%	26.9%
RAL 2001 Red Orange		
TICO® Orange 640 N	24.80	25.12
TICO® Yellow 622 N	7.50	7.48
TICO® Red 655 N	2.05	2.06
HEUCODUR® Yellow G 9180	53.10	52.75
Iron Oxide Yellow	7.45	7.52
Iron Oxide Red	5.10	5.07
RAL 2003 Pastel Orange		
TICO® Yellow 597 N	9.10	10.10
TICO® Orange 640 N	22.70	23.10
HEUCODUR® Yellow 152	68.20	66.80
RAL 2004 Pure Orange		
TICO® Orange 640 N	100.00	100.00
RAL 2008 Bright Red Orange		
TICO® Yellow 622 N	19.80	21.40
TICO® Orange 640 N	30.10	29.90
HEUCODUR® Yellow 6R	50.10	48.70

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Product	Quantity in %	
Pigment level calculated on solid binder:	23.7%	26.9%
RAL 2009 Traffic Orange		
TICO® Yellow 622 N	29.10	29.45
TICO® Orange 640 N	40.05	39.50
TICO® Red 655 N	2.35	2.40
HEUCODUR® Yellow 6R	28.50	28.65
RAL 2010 Signal Orange		
TICO® Yellow 622 N	34.00	37.10
TICO® Orange 640 N	25.00	26.10
TICO® Red 655 N	2.00	2.28
HEUCODUR® Yellow 6R	34.00	29.80
Iron Oxide Red	5.00	4.72
RAL 2011 Deep Orange		
TICO® Orange 640 N	19.20	19.70
TICO® Yellow 622 N	19.60	19.80
HEUCODUR® Yellow 255	61.20	60.50

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Product	Quantity in %				
Pigment level calculated on solid binder:	23.6%				26.9%
RAL 3016 Coral Red	Alternative A	Alternative B	Alternative C	Alternative D	
TICO® Red 655 N	31.10				31.10
HEUCODUR® Yellow 255	52.10				52.20
Iron Oxide Red	16.80				16.70
RAL 3020 Traffic Red					
TICO® Red 655 N	71.40	60.50	77.60	70.60	
HEUCODUR® Yellow 6R	28.60	22.77		29.40	
TICO® Red 642		16.73	22.40		

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