

Technical Data Sheet



2 K

PUR PLUS texture paint

Series 54

- Product description** : High quality two component texture paint with a wide variety in gloss texture and elasticity by choosing different hardeners.
- Binder type** : polyurethane-acrylic
- Gloss level** : matt – semi gloss
- Solids** : 60 – 76 %-weight
- Recommended dry-film thickness** : 60 - 100 µm
- Theoretical covering rate** : 5,3 m²/kg (70 µm)
- VOC-rate Ø** : 420 g/l
- Specific gravity** : 1,20 – 1,68 g/cm³
- Viscosity** : initial viscosity part A 900 – 2200 mPas / D 70 ¹/s
application visc. ready for handling
- Application parameters** : High pressure spraying system

Texture	Closed texture			Spattered texture
	fine	normal	rough	
air pressure [bar]	5 - 6	3 - 4	2 - 3	1 - 2
noozle size [mm]	1,5	1,5 - 2,0	2,0 - 2,5	1,5 – 2,5
cross coats	1 - 2	1 ½	1 - 1 ½	1
spray distance [cm]	20	20 - 30	30	20 – 30
thinner	If necessary use PUR special thinner 55.00.007, depending on the required structure			

The first coat must be thinned down for a smoothly covered surface before the second spattered texture layer can be applied.

Choice of hardener:

	standard 54.00.001	matt 54.00.004	elastic 50.00.009	indoor 54.00.002	indoor, hard 54.00.003	Indoor, smooth 54.00.010	outdoor, smooth 54.00.011
mixing ratio	6 : 1	6 : 1	6 : 1	6 : 1	6 : 1	4 : 1	5 : 1
Dust dry /min	20	20	30	20	15	20	30
touch dry /h	6 - 7	6 - 7	8	5 - 6	5	5 – 6	8
ready for handling/h	30	30	36	20	16	20	36
Potlife [h]	5	5	6	4	3	1 - 2	3

Drying times depend on: air and object temperatures, film thickness, relative humidity and air flow. Completely dry between 10 and 14 days.

Technical Service:

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Notice : The above stated information is intended as a guideline and is based on our experiences and tests. However, no responsibility, assurances or guarantees of any kind are assumed by providing this information.

Forced drying possible up to 100°C (15 min. flash off).
Do NOT apply more than 80 µm dry film thickness because of solvent popping.

Substrate: One coat adhesion on ferrous / non-ferrous substrates as well as different kinds of polymers (except for hardener 54.00.003).
For different kinds of polymer blends and alloy compositions we strongly recommend to perform an adhesion test.

Additive agent products:

- Levelling product 99.00.081
an additive designed to enhance the levelling properties.
We recommend to add 25 – 30 %-weight to the already mixed paint product and to sieve the mixture.
(only for hardener 54.00.001 and 50.00.009)
- Gloss enhancer 99.00.084.5
an additive designed to enhance the gloss,
add approx. 4 %-weight to the already mixed paint product
(only for hardener 54.00.001 and 50.00.009)
- Drying promoter 99.00.069
to reduce the time required for dry handling
0,5 %-weight to part A
Thoroughly dry between 20 – 24 h
Reduces the potlife to 3 h
(only for hardener 54.00.001)
- Rapid promoter 99.00.098
only for use with 2 component equipment (Potlife: 15 min)
1,5 – 2 %-weight to part A
Through dry after 4 h
(only for hardener 50.00.009)

Extras Matt hardener must be stirred well before use.
Small touch up repairs can be done with PUR PLUS one component repair-paint.
Larger repairs should only be done with the original two component system.
After 3 days the substrate should be sanded before application.
Spray painting with air-mix is possible only for fine or medium sized texture.

Storage: 12 months in original sealed containers
Thickening due to prolonged storage can be solved by adding small quantities of PUR special thinner 55.00.007.
Hardener – max. 12 months in original sealed containers
Taking small partial quantities from the container may reduce the shelf life.
The hardener is extremely sensitive to humidity in the air.

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