

# Paint recommendation: Plastics



ACRYL

PUR

## Substrates

## Primer / surfacer

## Topcoats

## Clearcoats

Melamine  
ABS = Acetylene nitril butadiene styrene copolymer  
PA 6.6 = Polyamide (Nylon)  
Resopal

▶ 2K Primer High Build with 2K Special Hardener

PC = Polycarbonate

▶ 2K EP Primer High Build

PS = Polystyrene

▶ Interior: 1K Primer 15-20 Micron  
Exterior: 1st layer 1K wash primer  
2nd layer 2K Primer High Build / 2K Special Hardener

PUR = Polyurethane

▶ After test: 2K Primer High Build with 2K Special Hardener

PVC = Polyvinyl chloride

▶ 2K Primer High Build with 2K Special Hardener,  
or after test: Etching promoter, followed directly by  
ACRYL 100, PUR Topcoat

GF-UP = Fiberglass unsaturated polyester  
Polyester GFK = Fiberglass-reinforced plastic

▶ 2K Primer High Build with 2K Special Hardener,  
2K EP Primer High Build

PETG = Polyethylene terephthalate  
with improved impact resistance

▶ Interior: 1K Primer  
Exterior: 2K Primer High Build with 2K Special Hardener

PMMA = Polymethyl methacrylate  
(acrylic glass / plexiglass)

▶ 1K Primer, 2K Primer High Build / 2K Special Hardener,  
or after test followed directly by ACRYL 100, PUR

Primers / surfacers can be coated with  
following topcoats

1K topcoats: KH,  
NKL

2K topcoats: ACRYL 100,  
PUR,  
PUR TEX Fine,  
PUR MATT

Application with different gloss levels and  
structure effects possible

Direct coating of certain plastics (e.g. PVC)  
is possible if Multimix Etching Promoter  
is used

2K clearcoat for all 2K topcoats  
Direct coating of substrates after  
consulting and test coating

# Pre-treatment: Plastics



## Pre-treatment of substrates

### General

Degreasing

Suitable cleaning/ degreasing agents: E.g. Multicleaner, organic solvents, alcohols, silicone remover, aqueous cleaners

Repeated cleaning (removal of release agent)

Stove (release agents expelled by addition of heat), subsequent repeat cleaning required

Sanding with sanding pad

### Other pre-treatment processes

E.g. flaming or power wash

### Direct Coating

Of certain plastics (e.g. PVC) Multimix Etching Promoter is used

All pre-treatment processes are dependent on the type of plastic.

# multimix

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