

# Colourthane Primer Filler

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Resource Code: 162-line  
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## DESCRIPTION

- high-build fast curing 2K Polyurethane primer filler for repairs or new work

## PRINCIPAL CHARACTERISTICS

- chromate free
- high corrosion protection to bare steel surfaces

## COLOURS AND GLOSS

- neutral beige

## BASIC DATA AT 25°C and 50% RELATIVE HUMIDITY

- solids content ..... approximately 48% by volume when mixed with part B
- typical film thickness (per coat) ..... 50 microns (dry), 110 microns (wet)
- theoretical spreading rate ..... 9.6m<sup>2</sup>/L for 50 microns dry
- touch dry after ..... 1 hour  
dry to sand 25°C – 4 hrs, 40°C – 2 hrs, 60°C – 30 min
- overcoating interval ..... for wet on wet allow for flash off time 5 - 10 minutes between coats, can be recoated as soon as dry to sand, sand with P320 – P400 before recoating
- full cure after ..... full cure after 24 hours
- shelf life (cool and dry place) ..... at least 12 months
- pot life at 25°C ..... 40 min – 1 hour depending on level of thinner

## RECOMMENDED SUBSTRATES

- for existing finishes, degrease and dry sand with P180/P280 grit sandpaper or wet sand with P280/P400 grit sandpaper
- bare steel surfaces should be degreased and abraded with P80 – P180 grit sandpaper
- for other surfaces such as hot dipped galvanising, zincalume, aluminium, fibreglass, plastics or stainless steel consult protective or metal coatings manuals or contact Wattyl for Technical advice

## INSTRUCTIONS FOR USE

- mixing ratio by volume 4A:1B
- mix thoroughly after addition of Primer Filler Hardener to Primer Filler
- use measuring stick for fast and accurate measurement
- add Reducer and mix thoroughly before applying
- should only be applied if adequate extraction facilities available
- spray up to 3 coats allowing for flash-off time of 5 - 10 minutes between coats
- recoatable with Colourthane
- for mechanical/manual wet sanding – initial sanding P500 - P600 grit paper, final sanding P800 - P1000 grit paper
- for mechanical/manual dry sanding – initial sanding P280 grit paper, final sanding P320 - P400 grit paper
- for recommendations outside those contained in this data sheet, refer to Wattyl
- **AIRLESS SPRAY**
  - recommended thinner ..... Colourthane Reducer
  - volume of thinner ..... 10%
  - nozzle orifice ..... approximately 0.48 mm (0.019 inch)
  - nozzle pressure ..... 120 – 160 bar
- **AIR SPRAY**
  - recommended thinner ..... Colourthane Reducer
  - volume of thinner ..... 10 – 20% (can be used as a primer surfacer with addition of 30% reducer)
  - nozzle orifice ..... 1.8 – 2.2 mm
  - nozzle pressure ..... 2 – 4 bar
- **CLEANING SOLVENT** ..... Colourthane Reducer

## ADDITIONAL DATA

### Overcoating table – Colourthane Polyurethane top coat

Substrate temperatures	15°C	25°C	35°C	65°C
Minimum interval	8 hours	4 hours	2 hours	30 min
Maximum interval	no limitations, providing surface is adequately degreased and abraded with P240 - P320 grit paper			

### Curing table

Substrate temperatures	Dry to handle	Full cure
15°C	8 hours	48 hours
25°C	4 hours	24 hours
35°C	2 hours	16 hours
60°C (metal temp)	30 min	1 hour

- adequate ventilation must be continuously maintained during application and curing

### Pot life (20% thinner)

Paint temperature	Pot life
15°C	1 hour
25°C	40 minutes
35°C	20 minutes

## SAFETY PRECAUTIONS

- flammable. Avoid contact with heat and naked flame
- avoid contact with skin and eyes
- use gloves, mask and goggles during application
- provide adequate ventilation when using in confined spaces
- this paint contains 0.37% monomeric diisocyanate. Provides adequate ventilation during use. Breathing the vapour is dangerous. Avoid prolonged breathing of fumes. Where ventilation is poor or where applied by spray, use suitable respiratory equipment at all times
- this product is intended for use in industrial situations by professional applicators in accordance with the advice given on this sheet. All work involving the use and application of this product should be carried out in compliance with all relevant Health, Safety & Environmental standards and regulations and should not be used without reference to the Material Safety Data Sheet (MSDS)

**PACKAGING GROUP III**

**UN NO. 1263**

**PACKAGING 4 litres, 20 litres (Part A), 1 litre (Part B)**

### 1. This information is provided with respect to the listed Wattyl products. Wattyl recommends that:

- (a) you review the Technical Data Sheets (TDS) and Material Safety Data Sheets (MSDS) before you use or handle the product; (b) the product be used only in accordance with the information provided by Wattyl; (c) the product be transported, stored and handled in accordance with the information on the MSDS and relevant TDS; and (d) you thoroughly test the product, using the recommended application method on a sample of intended substrate, before using the product.
- The information in this technical data sheet was prepared using information gathered during product development. While Wattyl endeavours to update this information and maintain the accuracy and currency of its contents, Wattyl cannot guarantee that the information provided is wholly comprehensive.
- Wattyl recommends that you conduct such additional investigations as may be necessary to satisfy yourself of the accuracy, currency and comprehensiveness of the information on which you rely in using and handling the product. If you require further information please contact your nearest Wattyl Office.
- To the full extent permitted by law, Wattyl's liability for breach of a condition or warranty implied into the contract for sale between Wattyl and you by law is limited at Wattyl's election to: (a) the replacement of the product; or (b) payment of the cost of replacing the product.