



TECHNICAL DATASHEET – FLEXANE PRIMERS

Revised: 05/2018

FLEXANE PRIMERS PROVIDE MAXIMUM ADHESION OF ALL FLEXANE PRODUCTS TO THE SUBSTRATE

ORDERING INFORMATION

STOCK NO.: 15980

PACKAGE SIZE: FL-10 112G

STOCK NO.: 15985

PACKAGE SIZE: FL-20 112G

DESCRIPTION

Flexane Primers provide maximum adhesion of all Flexane products to the substrate.

RECOMMENDED APPLICATIONS

Apply to metals, concrete, rubber, wood, fibreglass and previously applied Flexane.

PRODUCT DATA

FLEXANE PRIMER SELECTION CHART

	FL-10	FL-20
METAL, DRY / ADHESION OF 4-8 N/MM	One Coat	
METAL, DRY / ADHESION OF 8-12 N/MM	Two Coats	
METAL TO BE IMMERSED IN WATER	First Coat	Second Coat
CONCRETE		One Coat
RUBBER		One Coat
CURED FLEXANE		One Coat
WOOD		One Coat
FIBREGLASS		One Coat

APPLICATION INFORMATION

SURFACE PREPARATION CLEANING RUBBER

- If the rubber surface is oily or greasy, use Devcon Fast Cleaner 2000 Spray/Cleaner Blend 300 with an abrasive pad to cleanse the surface.
- After the recommended method of degreasing, coarse sanding (16 or 24 grit) of the rubber surface is done to produce a good 'surface profile'. Oils and contaminants that are imbedded into the rubber surface are usually released at this time.
- A coarse sanding disk (16 or 24 grit) is excellent for abrading any rubber surface.

CLEANING METAL

- If the metal surface is oily or greasy, use Devcon Fast Cleaner 2000 Spray/Cleaner Blend 300 to cleanse the surface.
- After this recommended method of cleaning, abrasive blasting is done to the surface to produce a good 'surface profile'. Oils and contaminants usually get embedded into the surface, and do not wash away with degreasing. Use a 24 - 40 grit or coarser abrasive for this process.
- If you cannot abrasive blast the substrate, you may use a coarse sandpaper (60 grit or coarser) to achieve the desired surface.
- Always try to make the repair as soon as possible after cleaning the substrate to avoid oxidation or flash rusting. Immediately coating the metal with FL-10 Primer will keep the metal surfaces from rusting.

CLEANING CONCRETE

Concrete being a very porous substrate requires multiple cleaning. Degrease the area with Devcon Fast Cleaner 2000 Spray/Cleaner Blend 300 and rinse the area. A power washer or steam cleaner is useful for quicker and efficient cleaning. Let the floor dry thoroughly before applying Primer and Flexane.

APPLICATION

Many field applications using Devcon's Flexane technology are unsuccessful because the technician fails to use the proper primers to adhere the Flexane to the substrate. There are two different priming systems to use when applying Flexane. They are as follows:

METAL SURFACES: Use 2 coats Devcon's FL-10 Primer to coat all metal substrates; this includes Stainless Steel and Aluminum.

RUBBER SURFACES: Use Devcon's FL-20 Primer to coat all gum rubbers, neoprene and cured urethanes.

IMMERSION SUBSTRATES: Use both Primers FL-10 and FL-20 to coat any metal substrate that will be immersed in any aqueous solution. First apply the FL-10 Primer and let it dry for 60 minutes. Next coat with the FL-20 Primer. Let it dry for 30 minutes before applying the Flexane material.

CONCRETE: Use Devcon's FL-20 Primer to coat this substrate. Concrete being a very 'porous' substrate may need multiple coats of FL-20 Primer for proper adhesion. Let the Primer dry for 30 minutes between coats.

WOOD & FIBREGLASS: Use Devcon's FL-20 Primer for all wood products. The softwoods will need 2 coats of Primer because of their absorption characteristics.

It should be noted that applying two coats of FL-10 Primer to metal substrates will improve the adhesion over a one coat priming system. Each container of Flexane Primer covers approximately 1sq. meter.

For all other substrates please consult Devcon for information on their range of Primers and correct application procedures.

SHELF LIFE & STORAGE

Devcon Primer's FL-10 & FL-20 should be stored in a cool dry place when not used for a long period of time. A shelf life of 2 years from date of manufacture can be expected for the FL-10 and 1 year from date of manufacture for the FL-20, when stored at room temperature (22°C) in their original containers.

PRECAUTION

For complete safety and handling information, please refer to the appropriate Material Safety Data Sheets prior to using this product.

WARRANTY

ITW Performance Polymers will replace any material found to be defective. As the storage, handling and application of this material is beyond our control we can accept no liability for the results obtained.

DISCLAIMER

All information on this data sheet is based on laboratory testing and is not intended for design purposes. ITW Performance Polymers makes no representations or warranties of any kind concerning this data.

For product information visit www.devconeurope.com alternatively for technical assistance please call +353 61 771 500.