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## FLEXANE® PRIMERS

### PRODUCT DATA SHEET

Required to provide maximum adhesion of all Flexane products .

### RECOMMENDED APPLICATIONS

When applied to metals, concrete, rubber, wood, fibreglass, and previously applied Flexane, Flexane Primers FL-10 and FL-20 substantially improve the adhesion of Flexane products to the substrate.

### PRODUCT DATA

<u>Flexane Primer Selection Chart</u>	<u>FL10</u>	<u>FL-20</u>
Metal, dry (adhesion less than 8.75 N/mm).....	one coat	
Metal, dry (adhesion less than 8.75 N/mm).....	first coat	second coat
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

For cured Epoxy please consult ITW Devcon.

### APPLICATION INFORMATION

#### 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.



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### **PRIMING**

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 2 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 applies to Stainless Steel and Aluminium too!
- **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 2 coats of FL-10 Primer to metal substrates will improve the adhesion over a 1 coat priming system.

Each container of Flexane Primer covers approximately 1 sq. meter.

For all other substrates please consult ITW Devcon for a proper selection of Primers and their correct application procedures.

### **STORAGE AND SHELF LIFE**

Devcon Primer's FL10 & 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 FL10 and 1 year from date of manufacture for the FL20, 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.

### **ORDERING INFORMATION**

<u>Stock No</u>	<u>Unit size</u>
15980	FL-10 Primer 112g
15985	FL-20 Primer 112g
19550	Fast Cleaner 2000 Spray 500ml
19510	Cleaner Blend 300 250ml

Warranty: Devcon will replace any material found to be defective. Because 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 Devcon makes no representations or warranties of any kind concerning this data.

**For technical assistance please call 01933 675299**