

Product Data Sheet

Maxiflex

High Build, Roll-on, Decorative, Flexible Coating With Exceptional Weatherproofing.

Description

Duramax MAXIFLEX is a high performance, extremely versatile high solids, acrylic based waterproofing decorative texture paint coating, providing excellent flexibility, elasticity and durability in exposed conditions. It is available in a wide range of colours. A smooth or textured finish can be achieved. The flexibility of MAXIFLEX makes it ideal for coating Hardiflex or other substrates subject to movement.

Uses

MAXIFLEX is ideal as an internal or external final decorative and protective coating for: Walls. Facades. Balustrades. Columns. Partitioning. Parapets etc. Ideal for surfaces subjected to high winds, salt spray and severe weather conditions. Top coating over: MAXITROWEL. MAXITEX. MAXIRENDER F10. MAXIPATCH. MAXIJOINT. MAXICRETE.

Suitable Surfaces

MAXIFLEX is suitable to coat the following suitably primed, clean, dry, sound, contaminant-free, stable surface: Off-form concrete. Cement render. Harditex sheeting. FC Sheeting. Blue Board. Brick and block work. Surface imperfections must be fixed prior to applying the MAXIFLEX to achieve the desired finish. Substrates and or joints may need to be prepared with MAXIJOINT, MAXICRETE or MAXIPATCH.

Specification

The information contained in this product data sheet is typical but does not constitute a full specification as conditions and specific requirements may vary from project to project. The instructions should be considered as a minimum requirement but the applicator or contractor must use their skill, knowledge and experience to carry out additional works as may be

necessary to meet the requirements of the project. Specification for specific projects should be sought from the Company in writing.

Limitations

The product should not be applied outside the ambient temperature of 10oC to 35oC or surface temperature of 10oC to 45oC. If exposed to the weather, do not apply if rain or inclement weather is imminent or possible before the product can properly dry. Not designed for foot traffic.

Benefits and Advantages

MAXIFLEX is:

High performance coating designed for long lasting protection and aesthetics.

Easy to apply and maintain.

Excellent weathering properties.

Excellent adhesion.

Flexible.

Dirt pick-up resistance.

Washable.

Allows surface to breathe.

Environmentally friendly.

Looks great on many surfaces.

Versatile.

Application safety, water based, Non combustible.

High tensile strength.

Precautions in Use

The product is safe to use if used properly.

Priming and Surface Preparation

Good preparation is essential. Surfaces must be sound, stable, dry, clean and free of dust, loose, flaking, friable material and substances that may diminish adhesion.

Surface imperfection should be repaired prior to coating to achieve a good result and desired finish. Surfaces may require patching, skimming or rendering using MaxiCrete [smooth patching & skimming compound], Maxipatch [polymer render], MaxiJoint (flexible jointing compound).

Good preparation is essential. Surface must be sound, stable, clean, dry and free of loose,

friable and flaky matter and contaminants.

Cracks should be filled with a suitable filler and finished flush with the surface in accordance with good painting practice.

PRIMING.

Prime surfaces with MaxiPrime at the rate of 6 to 8 sq.m. per litre (average of 90 sq.m. per 15 litre pail). Allow to dry for about 4 hours in good drying conditions before applying MAXIFLEX.

Excessively porous surface may require an additional priming coat.

Application

Stir product well before use. (Power stirrer).

Apply by brush, roller or spray in a minimum of two coats.

MAXIFLEX can also be used in conjunction with fibreglass reinforcing fabric to provide greater trafficability on horizontal surfaces.

Ambient temperature: Min. 10oC Max. 35oC

Surface temperature: Min. 10oC Max. 45oC

Do not apply product if rain or frost is imminent or possible before the product has properly dried.

Application Experience

We recommend that the product is applied by person with the appropriate skills and experience for the type of product. The acceptability of the surface is the responsibility of the applicator.

Coverage

The stated average coverage rate may vary depending upon type, condition, porosity, texture of the surface and application technique.

On average 22 to 30 sq. m per 15 Litre Pail but dependant on information above. 12 to 15 sq. m per 15 Litre Pail when applied by coarse textured roller. MAXIPRIME. Undiluted: 6 to 8 sq. m per Litre Diluted: +/- 14 sq. m with the addition of 30% clean water.

Colours

MAXIFLEX can be tinted to almost any colour. Whilst colour formulations are computer generated and care is taken to accurately colour match, batch to batch variations may occur. It is recommended that single lot orders are placed for the full project. A batch to batch tint-matching charge may be levied. Arrangements can be made for the piecemeal supply of product. Colours and particular batch to batch colour-matching should be checked prior to application. No responsibility will be accepted after the product has been used and/or applied.

Product used for touch ups must be taken from the same batch of product used for the original coat. Colours produced from white and light bases are usually included in the price of the product. A premium may be charged for colours produced from deep and accent bases.

Colour Batches

Whilst care is taken to accurately colour match, batch to batch variations may occur for reasons which may be beyond our control. We strongly advise that project requirements are ordered in a single batch lot to avoid colour matching from batch to batch. Minimum quantities and tinting charges may apply.

Contractor Responsibility

It is the responsibility of the contractor or applicator to ensure that the colour is within specification prior to its application. The Company shall not be liable for any colour variations after the product has been applied. Further, the applicator should use product for touch-ups from the same batches used to do the original coats.

Drying and Curing

Drying and curing of the product is affected by type, dryness and porosity of the surface, temperature, humidity, ventilation, climate conditions and application technique and therefore drying and curing can only be given as a guide.

At 20oC & 50% RH cure times would be approximately. Touch dry: 2 to 4 hours Recoat: 6 hours Cure: 2 to 3 days.

Storage

Available in 4 and 15 litre pails. Shelf life about 6 months in unopened containers. Store in cool, dry area. Product is not flammable or considered dangerous. Containers should be rotated to prevent settlement.

Clean Up

Wet spills can be cleaned with water. Ensure product does not enter drains.

Tiling, Topping or Top Coating

Not Applicable.

Safety & Precautions

The use of gloves and goggles is recommended. If swallowed give water to drink and seek medical advice. DO NOT induce vomiting. If in eyes, flush thoroughly with clean water, holding open lid to ensure any trapped product is flushed away. If on skin, remove contaminated clothing and wash with soap and water. If inhaled, unlikely due to viscosity of the product, remove to fresh air and apply artificial respiration if required. Seek urgent medical attention.

For full safety data refer to the products Material Safety Data Sheet. Observe precautions as per label.

Issued: 1 May 2012 | Valid to: 31 May 2015

Conditions of Use and Disclaimer

The information contained in this Material Data Sheet is given in good faith based upon our current knowledge and does not imply warranty, express or implied. The information is provided and the product is sold on the basis that the product is used for its intended purpose and is used in a proper workmanlike manner in accordance with the instructions of the Product Data Sheet in suitable and safe working conditions. Under no circumstances will the Company be liable for loss, consequential or otherwise, arising from the use of the product.

Material Safety Data Sheet

Maxiflex

**High Build, Roll-on, Decorative, Flexible Coating With
Exceptional Weatherproofing.**

Not classified as a hazardous product according to the criteria of Worksafe Australia

Identification

Product Name: Maxiflex
Other Names: Duramax Maxiflex
U.N.: N/A
Number:
Class: N/A
Hazchem: N/A
Code:
Poison: N/A
Schedule:
Pack Sizes: 4 & 15 Litre Pails

Physical Description

Appearance: Coloured viscous liquid.
Boiling Point: +/- 100°C - as for water.
Vapour Pressure: N/A
Percent Volatiles: >20% (mainly water)
Specific Gravity: 1.05 - 1.1
Flash Point: N/A (Water Based)
Flammability: N/A (Water Based)
Water Solubility: Miscible.

Ingredients

Chemical	CAS No.	Proportion
Water	N/A	<20%
Polymer	Proprietary	<50%
Inert Fillers	N/A	<35%
Other	N/A	<10%

Uses:

Internal & external waterproof decorative protective coating for walls, facades, balustrades, columns & partitioning. Ideal for surfaces subjected to high winds & salt spray.

Health Warning Information

Health Effects

Swallowed: Material is regarded as low oral toxicity and swallowing is unlikely. Irritating, possible nausea - will affect digestive tract if swallowed in volume with abdominal irritation, pain, and vomiting.

Eye: Irritation and discomforting and may cause mild temporary redness of the conjunctiva, temporary vision impairment and damage, prolonged contact may damage eye, possibly long term.

Skin: Mildly irritating. May affect skin with prolonged contact such as dermatitis. Avoid exposure to skin that is cut, damaged or irritated.

Inhaled: Irritating - may cause nausea with prolonged contact. Inhalation unlikely due to

viscosity and non volatility of the product. Vapours (predominantly water) may be occur at higher than normal temperatures.

CHRONIC HEALTH EFFECTS

Prolonged contact or continuous long term working in confined and poorly ventilated areas may cause irritation response, sore eyes, nose and possible headache and dermatitis.

Avoid contact with unprotected skin, inhalation of vapour or ingestion. Observe good occupational work practices.

First Aid

Swallowed: Do not induce vomiting. Give plenty of water to drink. Rinse out mouth. Seek medical assistance or contact the Poisons information Service (Australia 121126 and New Zealand 03 4747000).

Eye: Flush thoroughly with clean water, holding eye lid open to flush product from under the lid. Removal of contact lens after injury should be done by a skilled or medical person.

Skin: Remove contaminated clothing, and wash with soap and water.

Inhaled: Product is water based. Treat for drowning. Remove person to fresh air and perform artificial respiration if required and seek urgent medical assistance. If fumes are inhaled, remove to fresh air, lay patient down, keep warm and rested. This is usually sufficient.

Advice to Doctor

Treat symptomatically.

Precautions in Use

Product is considered low risk. Observe normal industrial hygiene and precautions.

Exposure Standards

Non assigned. Refer to individual constituents.

ENGINEERING CONTROLS

Use in well ventilated areas. General exhaust is adequate under normal operating conditions.

Exposure Limits

Refer above.

Ventilation

Product should be applied in areas with adequate ventilation.

Personal Protection

Gloves: Rubber or PVC. Do not use solvent to clean the skin.

Eyes: Safety goggles. The wearing of contact lenses poses an additional risk. Soft lenses may absorb irritants and all lenses concentrates them.

Feet: Wear safety footwear.

Safe Handling Information

Storage and Transport

Store in cool, dry area and place out of reach of children. Product is not flammable. Avoid freezing.

Suitable containers: Plastic pails as recommended by manufacturer.

Check containers are labeled and not damaged.

Storage incompatibility: None known.

Transportation Restrictions: None.

Spills and Disposal

Prevent spills from entering the drains or sewers. Absorb product with sand or earth or absorbent material and dispose to land fill in accordance with local council regulations.

Product will dry and become inert.

Major spills unlikely due to individual size of containers.

Fire / Explosion Hazard

N/A - product is not combustible.

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