DEKS

Technical Documents

1: Drawings Fast Flash

2: Drawings Rapid Flash Repair

3: Drawings Perform

4: Fast Flash Technical Specification

5: SDS

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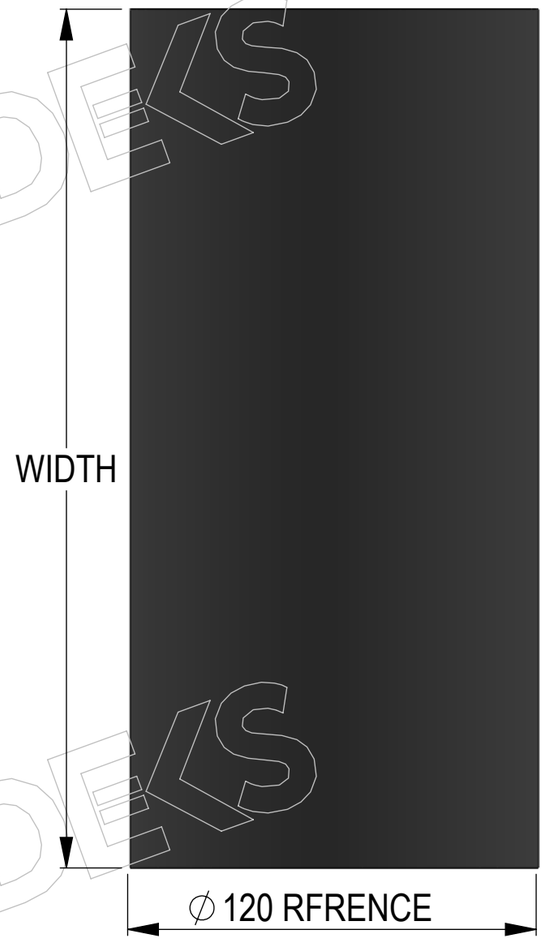
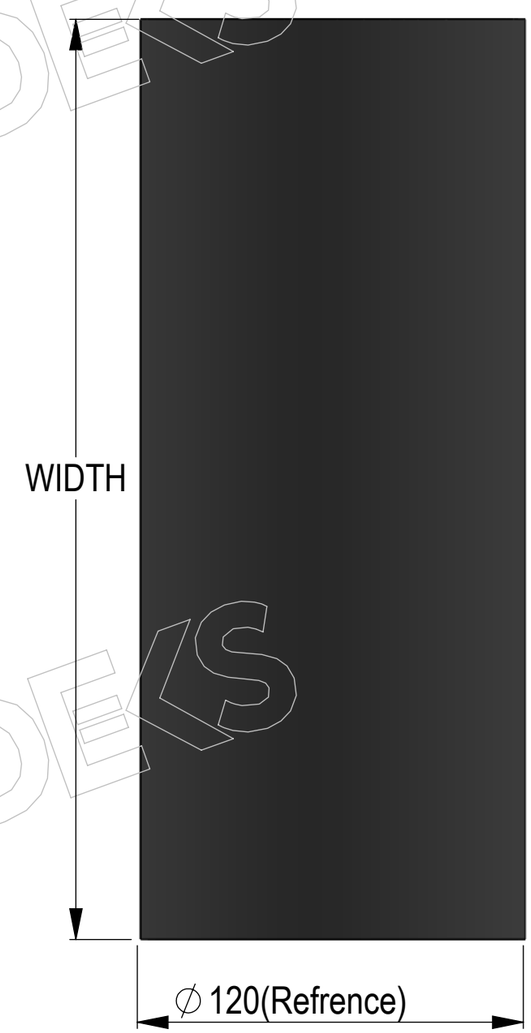


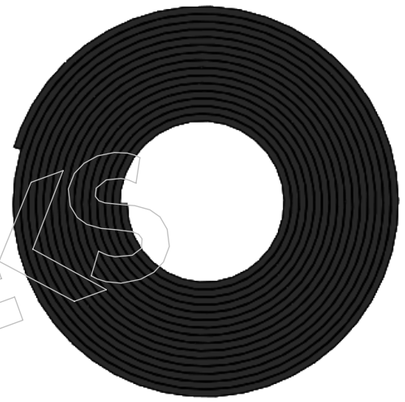
MATERIAL: MS POLYMER+ALU+BUTYL RUBBER

PART NUMBER	WIDTH	DISPLAY NAME
FFR5-280AG	280	DEKS FAST FLASH 5m (16') X 280mm (11") ANTHRACITE GRAY
FFR5-280B	280	DEKS FAST FLASH 5m (16') X 280mm (11") BLK
FFR5-280G	280	DEKS FAST FLASH 5m (16') X 280mm (11") GRY
FFR5-280RE	280	DEKS FAST FLASH 5m (16') X 280mm (11") RED
FFR5-370AG	370	DEKS FAST FLASH 5m (16') X 370mm (14") ANTHRACITE GRY
FFR5-370B	370	DEKS FAST FLASH 5m (16') X 370mm (14") BLK
FFR5-370G	370	DEKS FAST FLASH 5m (16') X 370mm (14") GRY
FFR5-370RE	370	DEKS FAST FLASH 5m (16') X 370mm (14") RED
FFR5-560AG	560	DEKS FAST FLASH 5m (16') X 560mm (22") ANTHRACITE GRY
FFR5-560B	560	DEKS FAST FLASH 5m (16') X 560mm (22") BLK
FFR5-560G	560	DEKS FAST FLASH 5m (16') X 560mm (22") GRY
FFR5-560RE	560	DEKS FAST FLASH 5m (16') X 560mm (22") RED

ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	QTY.
1	RFS-140500-X	RAPID FLASH STRIP (140 x 500mm)	REFER PART NUMBER TABLE	1
2	RFSTRIP-SPACER	RFSTRIP-SPACER	E FLUTE- CARDBOARD SHEET	2
3	RFSTRIPBOX	RFSTRIP-BOX	E FLUTE- CARDBOARD BOX	1

PART NUMBER	STRIP PART NUMBER
RFRBL140	RFS-140500-B
RFRGR140	RFS-140500-G
RFRTE140	RFS-140500-T





MATERIAL:MS POLYMER+ALU

PART NUMBER	WIDTH	DISPLAY NAME
PFR4-150B	150	PERFORM ROLL 150mm X 4M - BLACK
PFR4-150G	150	PERFORM ROLL 150mm X 4M - GREY
PFR4-150RE	150	PERFORM ROLL 150mm X 4M - TERRACOTTA
PFR4-250B	250	PERFORM ROLL 250mm X 4M - BLACK
PFR4-250G	250	PERFORM ROLL 250mm X 4M - GREY
PFR4-250RE	250	PERFORM ROLL 250mm X 4M - TERRACOTTA
PFR4-300B	300	DEKS PERFORM 4M (13') X 300mm (12") BLK
PFR4-300BN	300	PERFORM ROLL 300mm X 4M - BROWN
PFR4-300G	300	DEKS PERFORM 4M (13') X 300mm (12") GRY
PFR4-300RE	300	DEKS PERFORM 4M (13') X 300mm (12") RED
PFR4-400B	400	DEKS PERFORM 4M (13') X 400mm (16") BLK
PFR4-400G	400	DEKS PERFORM 4M (13') X 400mm (16") GRY
PFR4-400RE	400	DEKS PERFORM 4M (13') X 400mm (16") RED
PFR4-450B	450	DEKS PERFORM 4M (13') X 450mm (18") BLK
PFR4-450G	450	DEKS PERFORM 4M (13') X 450mm (18") GRY
PFR4-450RE	450	DEKS PERFORM 4M (13') X 450mm (18") RED
PFR4-600B	600	DEKS PERFORM 4M (13') X 600mm (23") BLK
PFR4-600G	600	DEKS PERFORM 4M (13') X 600mm (23") GRY
PFR4-600RE	600	DEKS PERFORM 4M (13') X 600mm (23") RED
PFR4-1250B	1250	PERFORM ROLL 1250mm X 4M - BLACK
PFR4-1250G	1250	PERFORM ROLL 1250mm X 4M - GREY
PFR4-1250RE	1250	PERFORM ROLL 1250mm X 4M - RED

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BAL Assessments Roof Flashings

Deks Industries Pty. Ltd. has tested its roof flashing for BAL (Bushfire Attack Level) to clause 20 of AS 1530.8.1 – 2007: "Methods for fire test on building materials, components and structures, Part 8.1 tests on elements of construction for buildings exposed to simulated bushfire attack – radiant heat and small flaming sources" and complies with it as per the table below.

All testing was completed by CSIRO Infrastructure Technologies.

BAL Rating	Models	Polymer	Use on min. 18° Roof Pitch for	CSIRO Report No.	Date of Issue
12.5	DC - Dektite Combo (no split) DFE – Dektite Premium DNL – Dektite Nu-Lead	EPDM EPDM EPDM	Metal Roofs Metal Roofs Tiled Roofs	EP1312912 EP1312912 EP1312992	Dec 2013 Dec 2013 Dec 2013
19	FFR – Fast Flash	MS Polymer	Tiled Roofs	EP159257	Dec 2015
29	DC - Dektite Combo (no split) DFE – Dektite Premium PFR - Perform	Silicone Silicone MS Polymer	Metal Roofs Metal Roofs Tiled Roofs	EP1312939 EP1312939 EP148152	Dec 2013 Dec 2013 Oct 2014

SAFETY DATA SHEET

Section 1. Identification

Product Identifier: Fast Flash, Rapid Flash and Rapid Flash Repair

Other means of identification: Proper Shipping name: Not applicable
Product codes: FFR5-280(AG, B, BR, G, RE), FFR5-370(AG, B, BR, G, RE), FFR5-560(AG, B, BR, G, RE), DRF100GB, DRF100GB-A, DRF101GB, DRF102GB, DRF103GB, DRF104GB-SQ, DRF108GB, RFRBL140, RFRGR140 and RFRTE140.

Recommended use of the chemical and restrictions on use:

Waterproofing medium for civil constructions

Details of manufacturer or importer:

Deks Industries Pty Ltd
2 Logis Blvd,
Dandenong South, VIC 3175, Australia

Emergency Telephone number

During business hours: +61 3 87278800
After hours: Please contact the POISON CENTER (131 126) or a doctor/physician

Section 2: Hazards Identification

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS.

Based on available information, not classified as hazardous according to Safe Work Australia; NON-HAZARDOUS CHEMICAL.

Other Hazards:
No information available

Poisons Schedule (SUSMP): None allocated.

Signal Word: Not applicable

Hazard Statements: Not applicable

Precautionary statements: Not applicable

General:

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of Children.
P103 Read label before use.

Prevention: Not applicable

Response: Not applicable

Storage:
Store in a well-ventilated place. Keep package tightly closed.

Other hazards:
None

Hazard Symbols: Not applicable

Section 3. Composition and information on ingredients

Fast Flash & Rapid Flash

Chemical Identity	Synonym	CAS Number	Proportions (%w/w)
MS Polymer Butyl rubber	(Modified silicone) -	- -	20-50% 20-50%
Non-Hazardous fillers	-	-	10-50%
Aluminium base sheeting	-	-	To 100%

Rapid Flash Repair

Chemical Identity	Synonym	CAS Number	Proportions (%w/w)
EDPM	(Modified silicone)	-	20-50%
Non-Hazardous fillers	-	-	10-50%
Aluminium base sheeting	-	-	To 100%

Section 4. First aid measures

For advice, contact a Poisons Information Centre (e.g. phone Australia 131 126; New Zealand 0800 764 766) or a doctor.

Have the product label or SDS with you when calling or going for treatment.

Ingestion: If swallowed, do NOT induce vomiting: rinse mouth thoroughly with water and contact Poisons Information Centre. or if swallowed, never give anything by mouth to an unconscious person. Rinse mouth with water. If large quantities of this material are swallowed, call a physician immediately.

Eye Contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses. Get medical attention if irritation occurs.

Skin Contact: Wash with plenty of soap and water. If irritation occurs seek medical attention.

Inhalation: No hazard expected under normal use. Remove to fresh air if symptoms occur. Seek medical attention if symptoms persist.

Symptoms caused by exposure: No data available.

Medical attention and special treatment: No further information available.

Section 5. Firefighting measures

Suitable extinguishing equipment:

For fires in area use appropriate media, i.e. dry chemical, carbon dioxide, water fog, foam.

Specific Hazards arising from the chemical:

No special instruction available.

Special protective equipment and precautions for firefighters:

The material is stable under normal conditions. On decomposition gives off carbon monoxide and other complex fumes derived from organic accelerators, antioxidants, paraffinic oil and processing aids. Use fire-fighting methods appropriated for surrounding materials

Hazchem Code:

Not applicable

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Follow personal protective equipment recommendations found in Section 8.

Environmental precautions:

Avoid direct discharge to sewers and surface waters in large amounts. Notify authorities if entry occurs.

Methods and materials for containment and cleaning up:

Sweep up material with normal cleaning equipment and avoid discharge to local drains and sewer systems. Place in normal waste disposal bags for disposal, as per local council statutory requirements.

Section 7. Handling and storage

Precautions for safe handling:

Avoid eye contact. Do not swallow. Do not eat, drink or smoke in work area. Avoid breathing any dust generated when cutting or processing the material.

Conditions for safe storage, including any incompatibilities:

Store in closed original container. No specific storage precaution required.
No known incompatibility with normal range of industrial materials.

Section 8. Exposure controls and personal protection

For this product, no exposure standard assigned for this specific material by Safe Work Australia.

Acute oral toxicity
No data available

Acute inhalation toxicity absorption
No data available

Acute dermal toxicity
No data available

Note: As published by Safe Work Australia Workplace Exposure Standards for Airborne Contaminants.
TWA - The time-weighted average airborne concentration of a substance when calculated over an eight-hour working day, for a five-day working week.
These Workplace Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These workplace exposure standards should not be used as clear defining points between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

Engineering controls:

None expected to be needed under normal use. Use local exhaust ventilation if in confined spaces. Avoid creating dust.

Individual protection measures, for example personal protective equipment (PPE):

Eye and face protection: None needed under normal use. Safety glasses or goggles recommended if eye contact is eminent.

Skin protection: Material is not considered a skin contact hazard, however wearing suitable protective gloves is recommended

Respiratory protection: None required under normal use.

Thermal hazards: Material is stable and safe to use under normal ambient conditions

Other information: Wash hands with soap and water before mealtimes and at the end of a work period.

Reference standards for (PPE).
Respiratory protection: AS/NZS 1715 and AS/NZS 1716.
Gloves: AS/NZS 2161.1.
Eye protection: AS/NZS 1336 and AS/NZS 1337

Section 9. Physical and chemical properties

Appearance: One piece flexible polymer moulded to a flexible aluminium base – Grey or Black
Odour: None.
Odour threshold: No data available.
pH: No data available.
Melting point/freezing point: No data available.
Boiling point and boiling range: Not applicable, solid material.
Flash point: Not flammable.
Evaporation rate: Not applicable, solid material
Flammability (solid, gas): Not applicable, solid material
Upper/lower flammability or explosive limits: Not flammable.
Vapour pressure: Not applicable, solid material
Vapour density: Not applicable, solid material
Relative density: 0.95 -0.98 g/cm^3 @20 ^{0}C (Water=1).
Solubility: Insoluble, will not mix in water.
Partition coefficient: n-octanol/water: No data available.
Auto-ignition temperature: No data available.
Decomposition temperature: No data available.
Viscosity: Not applicable, solid material

Other physical/chemical parameters

Specific heat value: No data available.
Saturated vapour concentration: No data available.
Release of invisible flammable vapours and gases: Not flammable
Particle size (average and range): Not applicable, solid material.
Size distribution: No data available.
Shape and aspect ratio: No data available.
Crystallinity: No data available.
Dustiness: No data available.
Surface area: No data available.
Degree of aggregation or agglomeration, and dispersibility: No data available.
Redox potential: No data available.
Biodurability or biopersistence: No data available.
Surface coating or chemistry: No data available.

Section 10. Stability and reactivity

Reactivity: Stable under normal conditions.
Chemical stability: Chemically stable under normal conditions.
Possibility of hazardous reactions: None known.

Conditions to avoid: No data available.
Incompatible materials: Avoid contact with other chemicals.
Hazardous decomposition products: No data available.

Section 11. Toxicological information

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Ingestion: No adverse effects expected; however, large amounts may cause nausea and vomiting.
Eye contact: Exposure to the dust particles when this material is cut, may cause discomfort and physical irritation to the eyes.
Skin contact: No adverse effect if handle properly
Inhalation: Not applicable as this is a soldi material.
Acute toxicity: No LD50 data available for this product material.
Respiratory or skin sensitisation: Repeated skin contact, and inhalation may result in sensitisation in some individuals. May cause allergic reaction, dermatitis or asthma-like symptoms. Follow good working practice. Avoid ingestion, inhalation, eye and skin contact. Wash hands with soap and water before eating, drinking.
Chronic effects: None identified.
Aspiration hazard: No data available.

Other information

No data available

Section 12. Ecological Information

Ecotoxicity: No adverse ecological effects are expected.
Persistence/degradability: No data available.
Bioaccumulative potential: No data available.
Mobility in soil: No data available.
Other adverse effects: No information available (environmental fate, ozone depletion, photochemical ozone creation potential, endocrine-disruption potential and global warming potential.)

Section 13. Disposal consideration

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see “Section 8. Exposure Controls and Personal Protection” of this SDS.

If possible, material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional national and international Regulations.

Section 14. Transport Information

ROAD AND RAIL TRANSPORT

Not classified as Dangerous Goods by the criteria of the “Australian Code for the Transport of Dangerous Goods by Road & Rail. (ADG Code).

MARINE TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea. This material under the IMDG Code is Not classified as a Marine Pollutant (P).

AIR TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

Section 15. Regulatory information

This material is not subject to the following international agreements:

- Montreal Protocol (Ozone depleting substances)
- The Stockholm Convention (Persistent Organic Pollutants)
- The Rotterdam Convention (Prior Informed Consent)
- Basel Convention (Hazardous Waste)
- International Convention for the Prevention of Pollution from Ships (MARPOL).

This material/constituent(s) is covered by the following requirements:

- the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) established under the Therapeutic Goods Act 1989 (Cwlth) (as amended).
- All components of this product are listed on or exempt from the Australian Inventory of Chemical Substances (AICS).

Section 16. Other Information

Date of preparation: 23/08/2024
Reason for issue: New issue
Prepared by ChemVit Consulting Pty Ltd

Source of data

This SDS has been prepared in accordance the Safe Work Australia Preparation of safety data sheets for hazardous chemicals Code of Practice prepared under the Work Health and Safety Act and Work Health and Safety Regulations.
Code of Practice: Labelling of workplace hazardous chemicals
Standard for the Uniform Scheduling of Medicines and Poisons

Hazard Classification

Australian Inventory of Chemical Substances (AICS) (NICNAS)
Chemical Assessment Reports (NICNAS)
Workplace Exposure Standards for Airborne Contaminants
Globally Harmonized System of Classification and Labelling of Chemicals (GHS)
(United Nations) Global Portal to Information on Chemical Substances (OECD).
OECD means the Organisation for Economic Cooperation and Development.
Hazardous Chemical Information System
European Chemicals Agency (ECHA)
Other references

National Road Transport Commission, Australian Code for the Transport of Dangerous Goods by Road and Rail, Edition 7.8, 2022.
Lewis, Richard J. Sr. 'Hawley's Condensed Chemical Dictionary 13th. Ed.', Rev., John Wiley and Sons, Inc., NY, 1997.
Australian and New Zealand Emergency Response Guidebook 2021

Key abbreviations or acronyms used

< Less Than. > Greater Than. AICS Australian Inventory of Chemical Substances. atm Atmosphere. CAS Chemical Abstracts Service (Registry Number). cm^2 Square Centimetres. deg C (°C) Degrees Celsius. g Grams g/cm^3 Grams per Cubic Centimetre. g/l Grams per Litre. IDLH Immediately Dangerous to Life and Health. LC50 LC stands for lethal concentration. LC50 is the concentration of a material in air which causes the death of 50% (one half) of a group of test animals. The material is inhaled over a set period, usually 1 or 4 hours.	LD50 LD stands for Lethal Dose. LD50 is the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals. NIOSH National Institute for Occupational Safety and Health. NOHSC National Occupational Health and Safety Commission. OECD Organisation for Economic Co-operation and Development. ppb Parts per Billion. ppm Parts per Million. psi Pounds per Square Inch. STEL Short Term Exposure Limit. TLV Threshold Limit Value. TWA Time Weighted Average. UN United Nations.

Disclaimer

This Safety Data Sheet was prepared in good faith from the best information available at that time of issue and is based on the present state of our knowledge and to this extent we believe it is accurate. However, no guarantee of accuracy is made or implied and since conditions of use are beyond our control, all information relevant to usage is offered without warranty. Deks Industries Pty Ltd and its Affiliates or Agents shall not be held liable or responsible for any damage or unauthorised use of this information or from contact with this product.
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END OF SDS