

The Durable, Versatile & Flexible Liquid Rubber Waterproofing System For Flat or Low Pitched Roofs, Balconies, Decks & Terraces etc.









### Table Of Content

	Page
The Lava 20 System Introduction	 02
Transformation with Lava 20	 03
Bonds to Most Surfaces	 04
Uses & Benefits	 05
Certifications & Warranty	 06
Products  Lava 20  WI PU Mastic  Lava 20 Fast Primer  Lava 20 Catalyst  Lava Detail 20  Lava 20 Vertical	 07-15
• Lava 20 Top Coats  Apply By	 16
Notable Clients	 17-19
Testimonials	 20-21
Systems  • Anti - Slip System  • Dark Grey Top Coat  • White Top Coat	  23-26 27-30 31-34
How to Apply	 35
Bonds to Almost All Surfaces	 36
Surface Detail  Timber, Concrete, Torch Down Felt (BUR) Asphalt, Fibreglass, Insulation Board Asbestos, Cement Board, Single Ply Spray Foam, Metals, Existing Coatings	 37 38 39 40
New Build Demo OSB	 41
Complex Details Apply Lava Detail 20	 42
Range of Trims	 43
Storage & Application Temperature Range	 44

# THE LAVA 20 SYSTEM

The World's Leading Waterproofing Solution

Dive into the World of Owl Lava 20: As Seen by Millions of People around the World and Recommended by Thousands of Loyal Contractors and Followers.

Over 18 million sq meter /
1.1 Billion sq ft waterproofed
with 100% success rate

Over 200,000 projects successfully completed











Everything You Need in One Scannable Link



For All Technical Information, Videos, Instructions, Brochures etc

### **LAVA 20 SYSTEM**

STANDS OUT AS THE ULTIMATE CHOICE FOR LONG-LASTING & RELIABLE PERFORMANCE



BEFORE WITH LAVA 20

WITH DARK GREY
TOP COAT







**BEFORE** 

WITH LAVA 20

WITH CLEAR TOP COAT + QUARTZ

Concrete





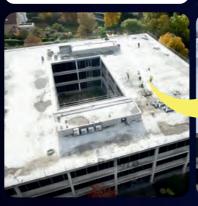


**BEFORE** 

**WITH LAVA 20** 

WITH WHITE TOP COAT

Asphalt









The Lava 20 System is ideal for enhancing the durability and resilience of various surfaces exposed to diverse environmental challenges. It proves effective for:

- Flat Roofs, Balconies, Terraces & Car Parks
- Wet Areas
- Sloped Roofs
- Under or Over Tiles
- Public Walkways etc.

Count on the Lava 20 System to provide reliable protection against humidity, ultraviolet degradation, weathering, acid rain attacks, mechanical wear, and movement stresses caused by temperature fluctuations. Ensure longevity and minimise the risk of leaks with our versatile solution.





- Bonds to Almost Everything
- Vapour Permeable (Breathable)
- Easy Detailing
- Maintenance Free
- Fast & Easy to Apply
- UV Resistant
- 25 Year Warranty
- Highly Durable
- Optional Anti Slip Finish
- BBA & CE Certified
- Highly Fire Rated
- Remains Flexible in All Temperatures



### **CERTIFICATIONS & WARRANTY**











Standards Worldwide









### **PRODUCTS**







### **LAVA 20**





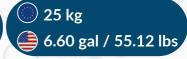












Lava 20 is a premium, one component, permanent, elastic, liquid applied polyurethane coating, that cures to a seamless, highly elastic waterproofing membrane.

- Long lasting
- UV Resistant
- Hard Wearing & Durable
- Breathable
- Fast & Easy Application
- Great adhesion



### **OWL PU MASTIC**



Owl PU Mastic is an industrial strength polyurethane fast - curing adhesive & sealer.

- Fill & smooth holes, gaps, joints etc.
- Great adhesion to almost all surfaces.
- Suitable for almost any surface.
- Can be used alone for emergency repair.
- Can be used as a part of the Owl Lava 20 Waterproofing System.



### **LAVA 20 FAST PRIMER**









Lava 20 Fast Primer is a single pack multi purpose primer for using with Lava 20 Waterproofing System.

- Suitable for application on substrates with high, low or no porosity.
- A low cost solution for concrete sealing and protection.



### **LAVA 20 CATALYST**



Lava 20 Catalyst is an Accelerating Additive, Used for a Faster Drying and Thicker Coat Application.

- If you use the full catalyst (0.75 kg Catalyst with 25 kg Lava 20) you can apply a maximum of 3 mm or 118 US mils thick coating in a single coat and will cure within 3 to 5 hours.
- If no catalyst is used you can apply a maximum of 1.5 mm / 59 mils in one coat and it will dry over 7 to 10 hours.

### LAVA 20 & LAVA 20 CATALYST MIXING

- If you use the full catalyst (0.75 kg Catalyst with 25 kg Lava 20), you can apply a maximum of 3 mm or 118 mils thick coating in a single coat and it will cure within 3 to 5 hours.
- If no catalyst is used, you can apply a maximum of 1.5 mm or 59 US mils in one coat and it will dry over 7 to 10 hours.
- If not using catalyst, we recommend either a two coat application or incorporating matting in this scenario.



Lava 20 6 KG (13.23 lbs / 1.59 US gal)

Lava 20 Catalyst 0.18 KG (0.397 lbs / 0.0476 US gal)



Lava 20 15 KG (33.07 lbs / 3.96 US gal)

Lava 20 Catalyst 0.45 KG (0.99 lbs / 0.118 US gal)



Lava 20 25 KG (55.12 lbs / 6.60 US gal)

Lava 20 Catalyst 0.75 KG (1.65 lbs / 0.198 US gal)



### **LAVA 20 DETAIL**



Lava Detail 20 is a liquid applied, thixotropic, permanent, elastic, fibre reinforced, one component polyurethane coating used for long lasting waterproofing of complex roofing details and connections.

#### <u>Uses</u>

- Wall Floor Connections
- Flashings
- Corners (Internals / Externals etc)
- Chimneys
- Pipes
- Gutters / Outlets
- Screws / Fixings



### **LAVA 20 VERTICAL**



### Lava 20 Vertical is a Semi-Thixotropic Viscosity Coating Suitable for Sloped & Vertical Surfaces

- When applied it forms a seamless membrane without joints
- Provides water vapour permeability, so the surface can breathe
- Weather & UV resistant
- Provides high sun reflectivity, contributes to thermo insulation
- Maintains mechanical properties over a temperature span of -40°C to +90°C (-40°F to 194°F)
- Provides excellent adhesion to most surfaces



### **LAVA 20 TOP COATS**

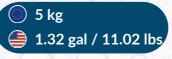


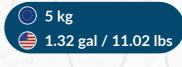






5 kg1.32 gal / 11.02 lbs







Lava 20 Top Coats can be used over the Lava 20 System or on it's own over the Lava 20 Primers offering a wide range of aesthetic and functional finishes. Can be used with flakes and quartz for an anti slip finish.

- Long lasting
- Durable
- Walkable
- Flexible

Different colour top coats available on request (MOQ applies).



### **APPLY BY**



BRUSH



ROLLER



SQUEEGEE



SPRAYING



### **Notable Clients**























































An Roinn Cosanta
Department of Defence





### **Notable Clients**





















































### **Notable Clients**













































### **Testimonials**

"Lava 20 is absolutely amazing product. We have worked with this product for approximately 10 years and have done more than 300,000 square meters with Owl Lava 20. Superb product from OWL! We wouldn't change the product with any other product. Lava 20 is the king of Roofing!"



"We are very happy with Lava 20, we have used it for years and it's still working perfectly."

L. N. ROOFING CONSTRUCTION

**DUBLIN PROTECTIVE COATINGS** 

"Owl Lava 20 is a great product. I was very impressed & the clients are happy"

RUBBER COVER LTD.

"It's a magic product, solved

many awkward problems for

us"

"It's a great liquid rubber system, really durable and long-lasting.. ideal for awkward roofs and balconies'

PS CONSTRUCTION

"Amazing stuff, used it many times in lots of jobs and

found it to be top notch."

**DUNNING & EVANS LTD. ARDAL PROPERTY SERVICES** 

"Lava 20 is very easy to use" "I have been using it for the past couple of years and I am genuinely very impressed with the product."

G SMITH AND SONS ROOFING AKA THE ROOFING OUTLAW

"Lava 20 is a smashing product, we have used it countless times and found it to be brilliant."

D. W. ROOFING

"We swapped to Owl Lava 20 years ago and since then we have never looked back, we wouldn't use any other product."

**APP IND ROOFING & BUILDING** 

"Lava 20 is an excellent product! Never had a problem, it bonds to everything and never fails"

**DEESIDE ROOFING** 

"It's great, it's basically indestructible."

**ROOF ASSET FACILITIES LTD.** 

### **Testimonials**



"It really does what it says on the tin, excellent product."

"I'm happy to use the Lava 20 any jobs I have, it's been working great for us."

"Much better than acrylics and other low-quality patch products we always keep some Lava 20 in the van & are happy to recommend it."

**NEVILLE CONSTRUCTION LTD.** 

**TAMAS RUSZNAK** (SILTOP KFT)

**ROOF PROTECT LONDON LTD.** 

"Glad we found out about Lava 20, we had trouble with other liquid products in the past but Lava 20 is outstanding."

**DROGHEDA ROOFING** 

"It's a great liquid rubber "10 out of 10 really system, really durable and good stuff" long-lasting.. ideal for awkward roofs and balconies"

P. D. CONTRACTORS LTD.

**ROOF RIGHT LTD.** 

"We have used Lava 20 on many of our roofs and we found it unbelievably effective, we had tried other products in the past but they are not like Lava 20"

> **ABSOLUTE ROOFING** CONSTRUCTION

**TEN CONSTRUCTION** 

"We have used the lava 20

waterproofing products for years and

found them to be very good. We use

them for repairs on all sorts, it's very versatile and it just works"

"Superb product, works great and very competitive pricing."

MIKE HORIZON **ROOFING LTD.** 

"We swapped to Owl Lava 20 years ago and since then we have never looked back, we wouldn't use any other product.

**APP IND ROOFING & BUILDING** 

"Lava 20 is an excellent product! Never had a problem, it bonds to everything and never fails"

**DEESIDE ROOFING** 

"It's great, it's basically indestructible."

**ROOF ASSET FACILITIES LTD.** 



## SYSTEMS







Achieve a non-slip surface by applying the Lava 20 Clear Top Coat with Quartz over the main Lava 20 Liquid Rubber Waterproofing Membrane. This combination provides an effective anti-slip finish, ensuring safety and durability. Ideal for various surfaces, it's a reliable solution for waterproofing with added traction.







## ANTI-SLIP SYSTEM LAVA 20 SYSTEM WITH CLEAR TOP COAT & QUARTZ

Ideal for Balconies, Walkways, Steps, Terraces, Podium Decks, Car Parks & More. Safe to Walk On Even When Wet.

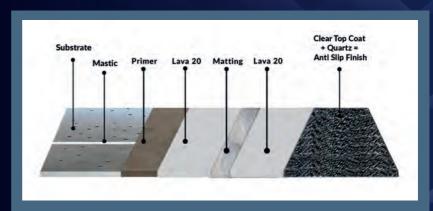




#### **USES & BENEFITS**

- Long Lasting
- UV Stable

- UV Resistant
- Waterproof
- Great Adhesion
- Flexible
- Anti Slip
- Beautiful Finish



#### **HOW TO APPLY** ◀◀

1. Owl PU Mastic



3. Lava 20 + Fleece

7 4. Lava 20

5. Clear Top Coat + Quartz



6. More Clear Top Coat





## TRANSFORMATIONS WITH ANTI-SLIP FINISH SYSTEM

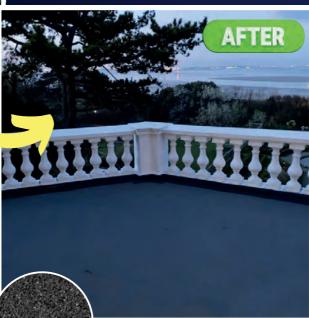




## TRANSFORMATIONS WITH ANTI-SLIP FINISH SYSTEM

**TERRACES** 





**GUNMETAL QUARTZ** 



### MANY COLOR OPTION AVAILABLE













#### **WALKWAY**





Enhance the aesthetic appeal of your surfaces with the Lava 20 Dark Grey Top Coat, specially designed for application over the main Lava 20 Liquid Rubber Waterproofing Membrane. This one-component, deep-penetrating solution offers a decorative and color-stable finish.









### LAVA 20 SYSTEM WITH DARK GREY TOP COAT

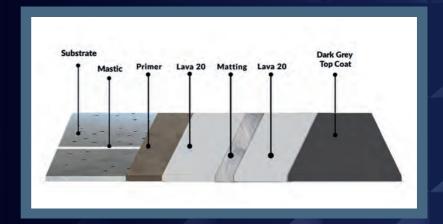
Optional Finish Coating Can be Used Over the Lava 20 System Or On It's Own Over Lava 20 Fast Primer Offering a Wide Range of Aesthetic & Functional Finishes





### USES & BENEFITS

- Long Lasting
- Zero Degradation
- UV Stable
- UV Resistant
- Waterproof
- Great Adhesion
- Durable
- Easy to Clean
- Great Coverage
- Flexible & Breathable



1. Owl PU Mastic

### HOW TO APPLY



## TRANSFORMATIONS WITH DARK GREY TOP COAT

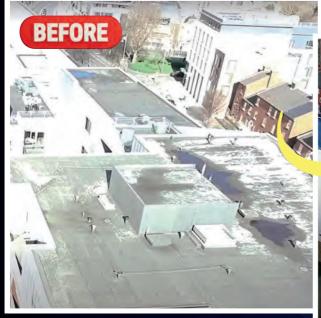






RESIDENTIAL

### APARTMENT BLOCKS





## TRANSFORMATIONS WITH DARK GREY TOP COAT









Enhance the aesthetic appeal of your surfaces with the Lava 20 White Top Coat, specially designed for application over the main Lava 20 Liquid Rubber Waterproofing Membrane. This one-component, deeppenetrating solution offers a decorative and color-stable finish.







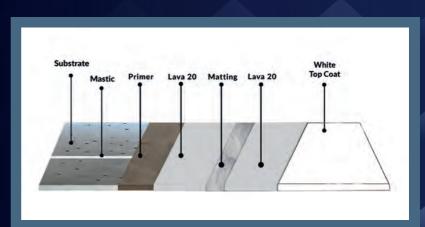
### LAVA 20 SYSTEM WITH WHITE TOP COAT

Optional Finish Coating Can be Used Over the Lava 20 System Or On It's Own Over Lava 20 Fast Primer Offering a Wide Range of Aesthetic & Functional Finishes



#### **USES & BENEFITS**

- Long Lasting
- Zero Degradation
- Hard Wearing & Durable
- UV Stable
- UV Resistant
- Waterproof
- Great Adhesion
- Ponding Water Resistant
- Easy to Clean
- Excellent Coverage
- Handles All Extreme Temperatures



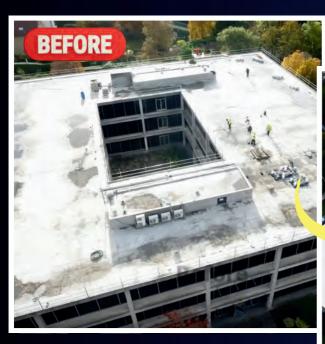
### HOW TO APPLY

1. Owl PU Mastic



## TRANSFORMATIONS WITH WHITE TOP COAT









INDUSTRIAL INFRASTRUCTURE







#### RESIDENTIAL



## TRANSFORMATIONS WITH WHITE TOP COAT















### HOW TO APPLY



STEP: 1

### **OWL PU MASTIC**

Fill all joints with PU Mastic & scrape smooth



**STEP: 2** 

### PRIMER

Prime the whole area



STEP: 3

### **LAVA 20 + TAPE**

Reinforce with chopped strand matting/ polyester tape and Lava 20



**STEP: 4** 

### **LAVA 20**

Simply coat with Lava 20



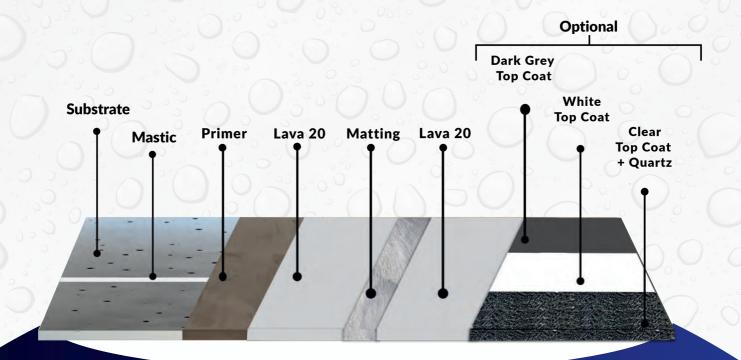
### **STEP:** 5

### TOP COAT (OPTIONAL)

Apply top coats (Available in Dark Grey, White or Clear: Anti Slip Finish). Different colour top coats available on request



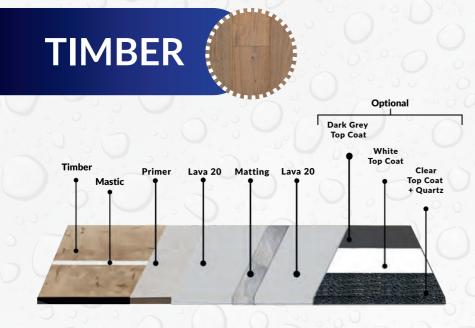
## LAVA 20 BONDS TO ALMOST ALL SURFACES



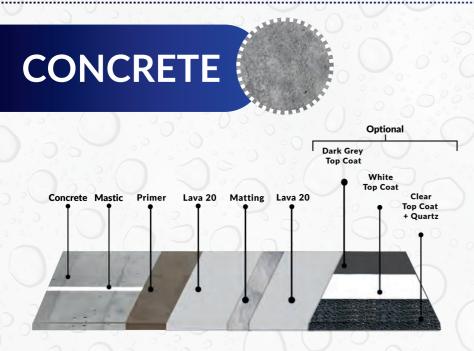
- Timber (OSB / Plywood)
- Asphalt\*
- Torch Down Felt (BUR)\*
- Concrete
- Tiles
- Insulation
- Cement Boards
- Metals
- Single Ply
- Spray Foam
- Asbestos
- GRP
- Existing Coatings (Except Silicone)



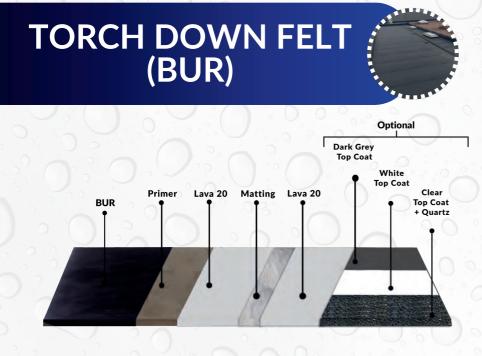
<sup>\*</sup>Requires Matting



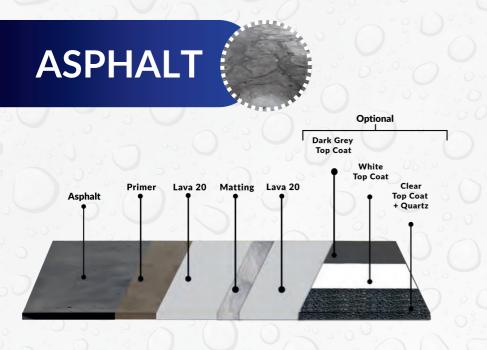
Enhance the longevity of timber roofs with liquid polyurethane coatings, offering robust protection against moisture and decay. Lava 20 Systems form a seamless, waterproof barrier, significantly extending the timber roof's lifespan, minimizing repairs and replacements. Safeguard your investment, reinforce structural integrity, and enjoy lasting durability.



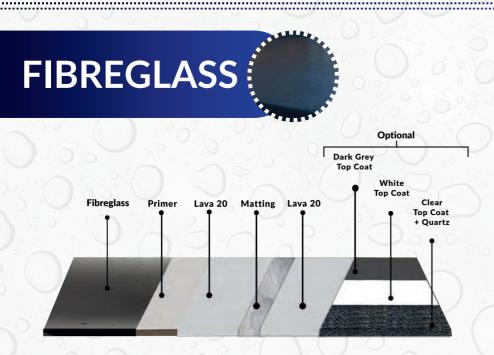
Shield your concrete from spalling – the deterioration caused by flaking and chipping. Lava 20 Waterproofing System acts as a protective barrier, preventing moisture intrusion and the resulting damage. Its flexibility also guards against surface cracks, ensuring lasting defence against environmental factors. Safeguard your concrete surfaces with a resilient solution that preserves their integrity.



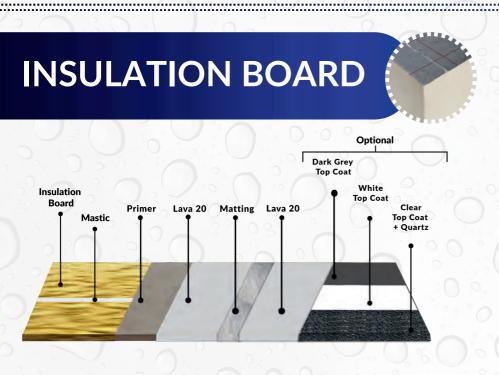
Transform your felt roof with Lava 20 Waterproofing System for a leak-free solution. This coating delivers a seamless, uniform finish, eliminating seams and joints that are often the culprits of leaks. Revitalize ageing felt roofs by applying polyurethane, sealing the surface and preventing the need for felt removal. Experience a protective upgrade that enhances durability and extends the life of your roof. Fully reinforce the Lava 20 system on torch down felt (BUR) with matting for best results.



Shield your asphalt roof with a Lava 20 Waterproofing System, offering unparalleled protection against the detrimental impact of UV radiation. UV exposure can render asphalt brittle, resulting in cracks and fissures, paving the way for water damage to both the asphalt and the underlying roof structure. Safeguard your investment with a resilient solution that extends the life of your asphalt roof. Fully reinforce the Lava 20 system on asphalt with matting for best results.

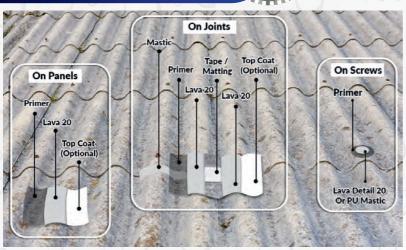


Enhance your fiberglass (GRP) roof with Lava 20 Waterproofing System for unmatched adhesion. Unlike traditional coatings, polyurethane forms a strong bond with the smooth, non-porous surface of fiberglass. This liquid coating penetrates and fills cracks and gaps, creating a durable, peel-resistant seal. Waterproof your roof against damage, ensuring longevity and performance.



Protect all types of insulation boards (foil backed, tissue backed, timber backed boards and even spray foam insulation) can all be waterproofed with the Lava 20 Waterproofing System. Safeguard against moisture intrusion by creating a seamless, waterproof barrier. Reinforce vulnerable edges and corners with polyurethane coating and reinforcement tape, ensuring lasting protection against impact and point loads. Fully reinforce the Lava 20 system on insulation with matting for best results.

## ASBESTOS



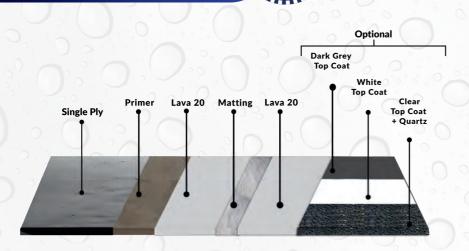
Safeguard your Asbestos Roof with Lava 20 Waterproofing System - creating a protective barrier that prevents the release of harmful asbestos fibers. Asbestoscontaining materials may deteriorate over time, posing health risks. Lava 20 seals and encapsulates asbestos fibers, minimizing the potential for exposure. Prioritise safety with a simple, effective solution for lasting protection.

### **CEMENT BOARD**



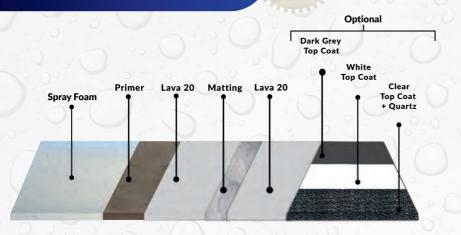
Enhance your Cement Board Roof with Lava 20 Waterproofing System for unmatched adhesion. Unlike traditional coatings, polyurethane forms a strong bond with the smooth, non-porous surface. This liquid coating penetrates and fills cracks and gaps, creating a durable, peel-resistant seal. Waterproof your roof against damage, ensuring longevity and performance.

### SINGLE PLY



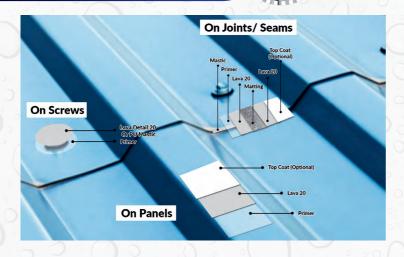
Optimize your Single Ply Roofing construction projects with Lava 20 Waterproofing systems—ideal for lightweight, swift, and cost-effective builds. Perfect for flat roofing with weight considerations, these membranes boast a lifespan exceeding 25 years. Elevate efficiency and durability in one streamlined solution. Fully reinforce the Lava 20 system on single ply membranes with matting for best results.

### **SPRAY FOAM**



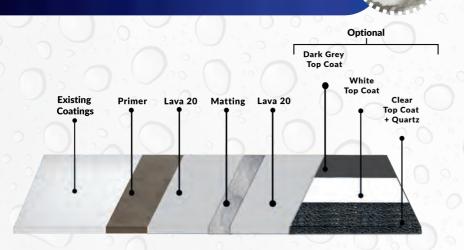
Protect your Spray Foam Roof with Lava 20 Waterproofing System creating a protective barrier. Lava 20 seals and encapsulates Spray Foam fibers, minimizing the potential for exposure. Prioritize safety with a simple, effective solution for lasting protection.

### **METALS**

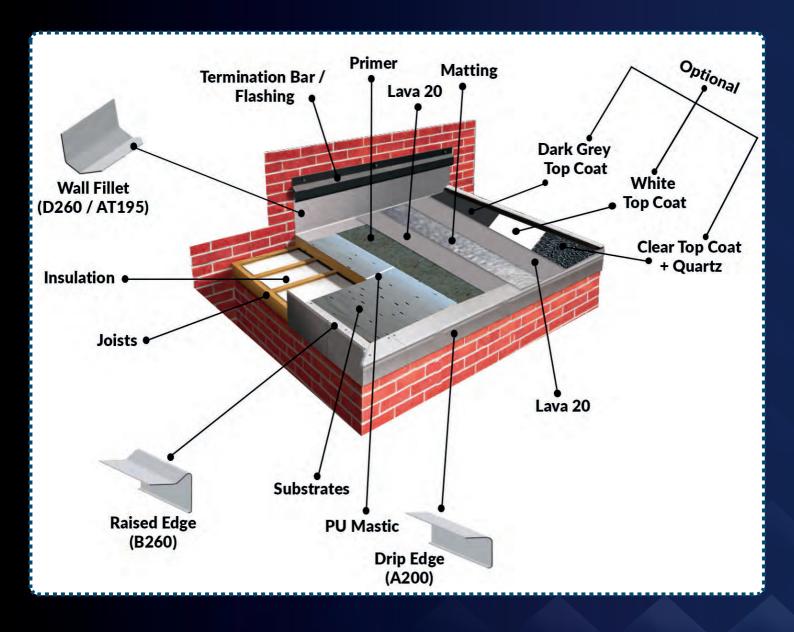


Transform your weak, deteriorating, and rusting sheet metal roofs and valleys with Lava 20 Waterproofing System! Experience the unparalleled advantage of a seamless, waterproof barrier that effectively prevents water infiltration and pesky leaks while halting the spread of rust. Our liquid polyurethane coating expertly adheres to the metal substrate, creating a resilient, flexible membrane.

### **EXISTING COATINGS**



Choose Lava 20 Waterproofing System for seamless protection over existing coatings, excluding silicone, ensuring a 25-year warranty. Safeguard your roof from damage and blockages with confidence.



### NEW BUILD DEMO OSB TIMBER ROOF USING LAVA 20 WATERPROOFING SYSTEM

## FOR WATERPROOFING COMPLEX DETAILS APPLY LAVA DETAIL 20

- Wall Floor Connections
- Flashings
- Corners (Internals / Externals etc.
- Chimneys
- Pipes
- Gutters / Outlets
- Screws / Fixings



**VENTS & PIPES** 

**OUTLETS** 

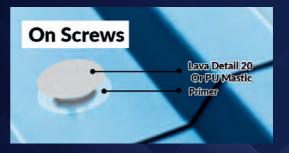




**CHIMNEYS** 

**GUTTERS** 





Lava Detail 20 swiftly securely waterproofs intricate roof details, ensuring protection for over 25 vears. specialised solution forms a lasting, flexible, and seamless membrane. effectively addressing challenging and problematic areas. While other systems may faulter, Lava Detail 20 excels. demonstrating resilience in the most extreme climatic conditions. Elevate your confidence in long-term waterproofing with Lava Detail 20.

## WE STOCK A RANGE OF TRIMS TO SUIT EVERY TYPE OF FLAT ROOF CONSTRUCTION



Allows drainage into the gutter

RAISED EDGE (B260)

Used to prevent water run off

INTERIOR / EXTERIOR ANGLE (AT195):

Used for capping applications on internal / external corners

WALL FILLET (D260)

Used against abutting walls

**LEAD FLASHING (C100)** 

Non-adhesive finish to simulate the appearance of lead





### LAVA 20 STORAGE & APPLICATION TEMPERATURES RANGES

Working Life	25 Years	
Store	From 0°C to 35°C	
Safe Surface Temperature to Apply On	25°C to 95°C	
Fire Rating		
EU	USA	
B Roof T4 & Class E	Class A	





Owl Waterproofing Solutions manufacture & distribute the highest quality waterproofing materials all over the world. Proudly supplying only the highest quality waterproofing products & technology with the longest life warranties at the lowest cost possible.

Approved contractors and stockists nationwide; simply get in touch with the contact details below to ask about your project and acquire materials for your waterproofing projects.





0845 528 1480



Unit 1 Oak Court, Boothstown, Worsley, M28 1JX



INFO@OWLWATERPROOFING.CO.UK



WWW.OWLWATERPROOFING.CO.UK





(973) 559-0800



601 Union Blvd Totowa, NJ 07512, USA



**USA@OWLWATERPROOFING.CO.UK** 



WWW.OWLWATERPROOFING.COM





01 830 22 50



135 Slaney Road, Dublin Industrial Estate, D11 AW6D



<u>INFO@OWLWATERPROOFING.CO.UK</u>



WWW.OWLWATERPROOFING.CO.UK



