

QDEK[®]
roofing adhesive

A brand of
QUIN : ADHESIVE
GLOBAL INNOVATORS

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CONTENTS

1-2	WHAT IS QDEK ®?
3-4	OUR WATERPROOFING MANUFACTURER COMMITMENT
5-6	OUR DISTRIBUTOR COMMITMENT
7-10	THE GUN SYSTEM
11-12	THE CANISTER SYSTEM
13	TPO/EPDM MEMBRANE
14	QUIN GLOBAL ® LAB APPROVED HEALTHY ADHESIVE
15	PLAIN PVC MEMBRANE
16	SELF ADHESIVE VCL/MEMBRANE
17	INSULATION
18	QDEK ® TOP TIPS
19-20	THE BUILD UP
21-22	THE QDEK ® MATRIX
23-24	CONTACT US



WHAT IS **QDEK®**?

The **QDEK®** concept was conceived by a forward thinking chemist who saw the need for a faster, cleaner and safer process in the installation of flat roofing membrane.

QDEK® is a revolutionary range of spray adhesives and primers designed specifically for the bonding of single ply membranes, insulation boards and self adhesive membranes or vapour control layers in flat roofing applications. Available in 13.7ltr and 22ltr canister systems, **QDEK®** delivers a fast, high coverage and clean application compared to traditional liquid or roll on adhesives.

The canister system removes the need to use traditional methods of bonding which are time consuming, messy and wasteful. As **QDEK®** is a spray adhesive, the user is in full control of the application of adhesive, and can apply the glue up to 600mm wide in one pass, covering large areas at a rapid rate. Furthermore, you only need to apply the glue onto one surface, with our single sided fleeceback membrane adhesives and self adhesive primer.

Our unique formulations have been proven to almost eliminate the time spent waiting for glue to tack; where with roll on adhesives you can be waiting up to 25 minutes or more, **QDEK®** can tack off in as little as 2 minutes.

With our cold weather formula, you can confidently apply the **QDEK®** adhesive below 5 degrees celsius with phenomenal results, giving increased flexibility and the ability to apply adhesive all year round.

QDEK® is guaranteed to speed up installation, reduce adhesive application time and drastically reduce tack time, whilst delivering peace of mind through superior bond performance.

OUR WATERPROOFING MANUFACTURER COMMITMENT



We will **Dream** with our people and our customers to give them the opportunities to achieve their dreams, whether through further training or education for our people or a solution to a customer's problem.



We will provide resource to comprehensively qualify, help innovate and **Develop** the perfect solution to meet and exceed the requirements of our people and our customers.



We will **Deliver** a world-class solution through knowledgeable support and expertise that will advance our stakeholders to even greater success.

It is an extremely powerful three step process that we, our people and our clients love!

The **Dream, Develop, Deliver** process is about helping our clients realise their aspirations and ambitions around the application of spray adhesives in their sectors. We document those aspirations forming visual criteria of actions to complete and enable their **Dream** to become a reality. The criteria list clearly defines the areas to **Develop**, whether it be to create a new innovative adhesive product, a specific colour of adhesive, or even a brand-new application method. Now we must **Deliver** – deliver is not just the delivery of the finished product, but the overall package of support, training and backup, along with a powerful marketing strategy, to ensure peace of mind and make it as easy as possible for our clients to do business.





OUR DISTRIBUTOR COMMITMENT

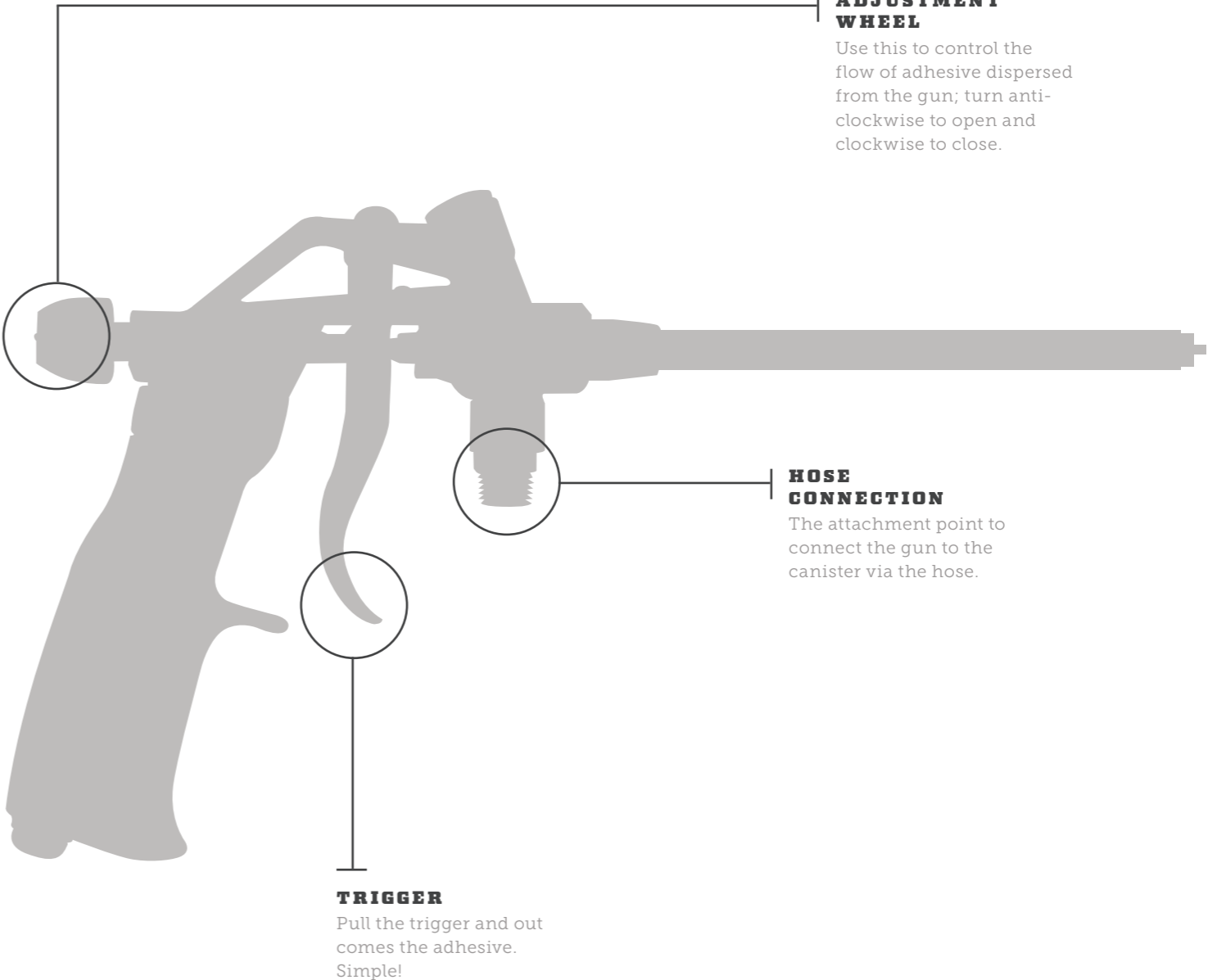
At Quin Global, we are passionate about high levels of engagement and support for our distributors to ensure success. Take a look at the QDEK® Distributor Commitment below:

- At **Quin Global**, we believe in the “Train the Trainer” approach. We will spend time with your branch sales and technical staff onsite, to extensively develop their understanding on how to apply the **QDEK®** spray adhesives, so they can be confident in their transactions with customers and contractors.
- Attendance at Branch Open Days to spend time with contractors and clients onsite, on how to use the **QDEK®** adhesive systems for roofing applications
- We will support your sales department with Joint Visit Days to your customers, to give technical training and demonstrations at your customer’s premises, or even on live projects.
- Technical assistance from our inhouse Technical Team - **1300 857 846**

Online Technical Support on the **QDEK®** website including our amazing **QDEK®** product tutorial videos – www.qdek.com/resources



THE GUN SYSTEM



The QDEK® Bead Gun has been developed for use in conjunction with Polyurethane Foam Insulation adhesives like **QD3001**, as well as Polyurethane Membrane Bead adhesives. The Bead Gun is not suitable for use with any web spray contact adhesives, primers or fleeceback adhesives.

QDEK® BEAD GUN

ADJUSTMENT WHEEL

Use this to control the flow of adhesive dispersed from the gun; turn anti-clockwise to open and clockwise to close.

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NOZZLE

Changeable nozzle to optimise spraying performance - subject to adhesive type.

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HOSE CONNECTION

The attachment point to connect the gun to the canister via the hose.

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TRIGGER

Pull the trigger and out comes the adhesive. Simple!

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The QDEK® Detail Gun is designed for applying adhesive onto smaller areas like parapets or upstands where close attention to adhesive coat weight is critical prior to the bonding of waterproofing membrane or self-adhesive VCLs.

The QDEK® Field Gun is designed for applying adhesive across large field areas. The long wand eliminates the need for users to bend/kneel down whilst applying adhesive, therefore removing strain on the back and knees and allowing for a comfortable experience during adhesive application.

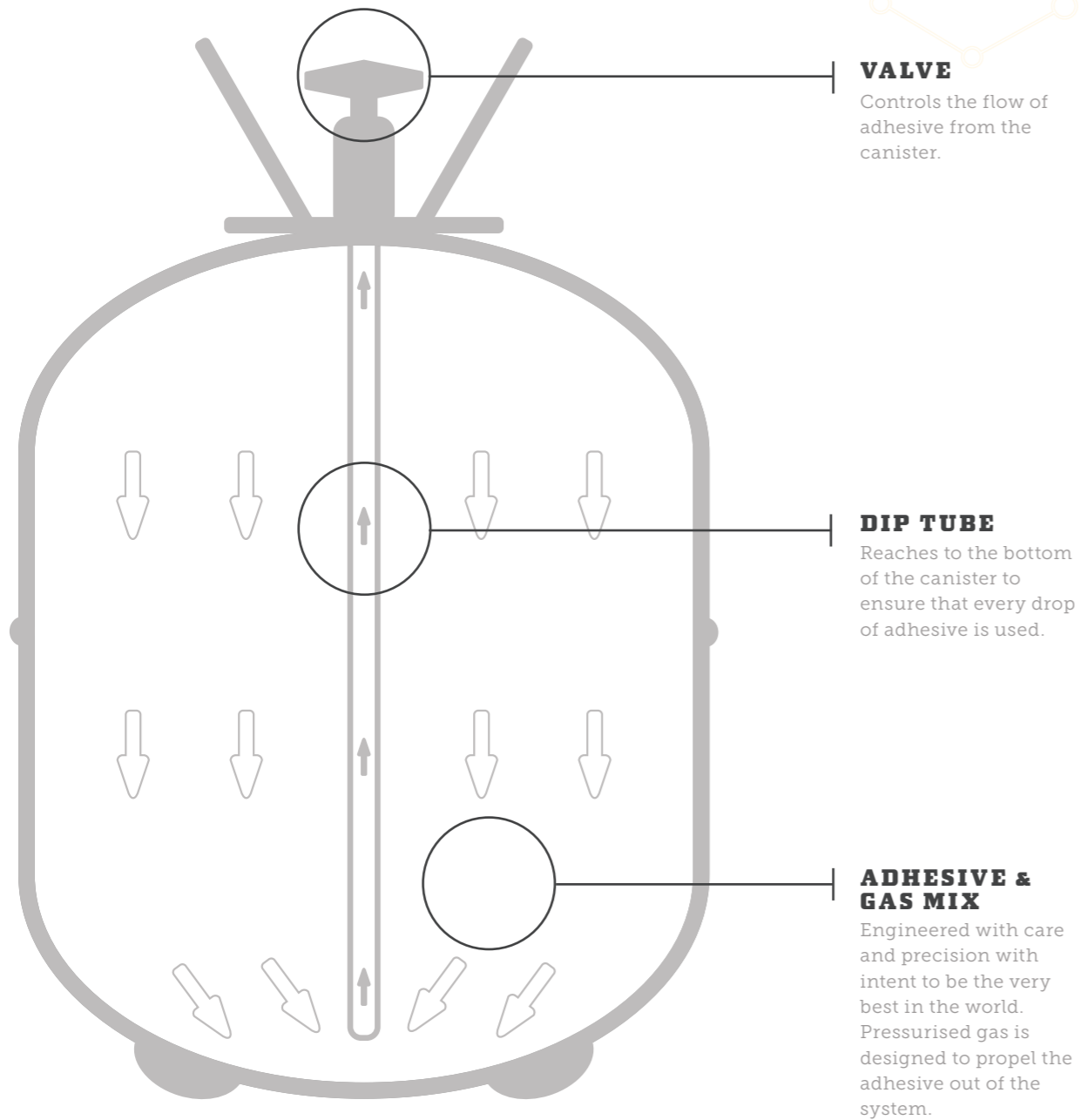
QDEK® DETAIL GUN

QDEK® FIELD GUN

THE CANISTER SYSTEM

THE CANISTER SYSTEM VOLUMES

No two roofing projects are the same and requirements will vary. So whether it's a small-scale roofing application or a large commercial project, we have designed the system that is right for you.



CANISTER 13.7LTR

Volume: 13.7 litre
Size: 250mm x 440mm
Weight*: 10KG



CANISTER 22LTR

Volume: 22 litre
Size: 310mm x 450mm
Weight*: 23 KG

*please refer to technical data sheet for product specific weight

TPO/EPDM MEMBRANE



2042

TPO/EPDM MEMBRANE ADHESIVE

ODEK® 2042 is a high-performance canister adhesive specifically formulated for bonding smooth back EPDM and difficult to bond TPO membranes. Excellent adhesion to a variety of roof decks including concrete, most paperbacked insulation board, plywood and metals. ODEK® 2042 is an excellent choice for high heat application and also provides an adjustable spray pattern for detail work or high-speed field area work.

ADVANTAGES:

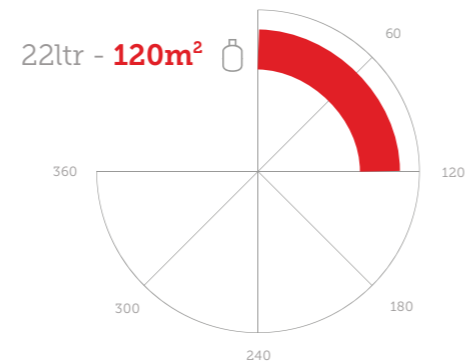
- Co REZ Technology
- Fast, high tack
- Adjustable spray pattern for field area and detail work areas.
- Low VOC's.
- 100m² coverage

COLOUR:

- Red

TECHNICAL DATA

SQUARE METRE COVERAGE (m²):



APPLICATION TYPE:



2 SIDED

OPEN TIME*:



45 MINS

FLASH OFF TIME**:



2 -4 MINS

SPRAY TYPE:



WEB SPRAY

GUN TYPE:



DETAIL GUN

HOSE TYPE:



4M BLACK RUBBER



FIELD GUN



8M BLACK RUBBER

*consult the Spray Manual for a more detailed tutorial on the bonding process

**depending on environment & ambient temperature



QUIN LAB APPROVED HEALTHY ADHESIVE

Key lines from the Quin Value Statement are that "we care and value others", "We strive to treat our people and our customers with **LOYALTY, HONESTY AND INTEGRITY**" so the continual persistence in innovating a range of **HEALTHY ADHESIVES** is a top priority.

With many areas of industry, health and safety is at the forefront of our minds, keeping our people and customers safe and comfortable.

The Healthy Adhesives Symbol shows this product has been through the Innovation Centre, where improvements and refinements have been made to move at least one step closer to a safer and more sustainable product, putting the user in a safer environment with a more sustainable product for the planet.

The continual developments and innovations that the Quin Innovation Centre is working on, includes Lower Volatile Organic Content (VOC) adhesives, waterbased chemistry to replace solvents, new non-flammable solvent systems and much more.

PLAIN PVC MEMBRANE



2300

PLAIN PVC MEMBRANE CONTACT ADHESIVE

QDEK® 2300 PVC membrane adhesive is a high performance industrial spray contact adhesive formulated specifically for bonding PVC flat roofing membranes and materials to a variety of roof decks, including concrete, most insulation boards, plywood and cementitious boards. This material is designed for detail work where smooth bondlines are critical.

ADVANTAGES:

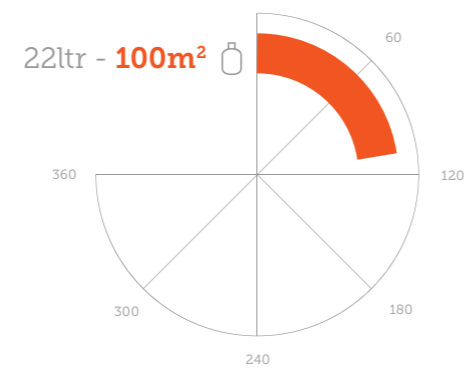
- Resistant to blistering immediately after application.
- Excellent green strength and high heat resistance.
- Portable and convenient.
- Doesn't fly away like roller applied PU adhesives.

COLOUR:

- Clear

TECHNICAL DATA

SQUARE METRE COVERAGE (m²):



APPLICATION TYPE:



2 SIDED

OPEN TIME*:



7 MINS

FLASH OFF TIME:**



2-3 MINS

SPRAY TYPE:



WEB SPRAY

GUN TYPE:



DETAIL GUN

HOSE TYPE:



4M PU MB/HT



FIELD GUN

*consult the Spray Manual for a more detailed tutorial on the bonding process

**depending on environment & ambient temperature

SELF ADHESIVE VCL/MEMBRANE



2400

SELF ADHESIVE MEMBRANE PRIMER

QDEK® 2400 is a solvent based primer based on synthetic rubber and resins, and is specifically designed for use with all self-adhesive membranes and vapour barriers. QDEK® 2400 Membrane Primer can be applied to metallic substrates, bituminous materials, wood based materials, and insulation boards. QDEK® 2400 once applied to the roof deck, is dry within 5-10 minutes and can be walked on without transfer to the soles of safety tools.

ADVANTAGES:

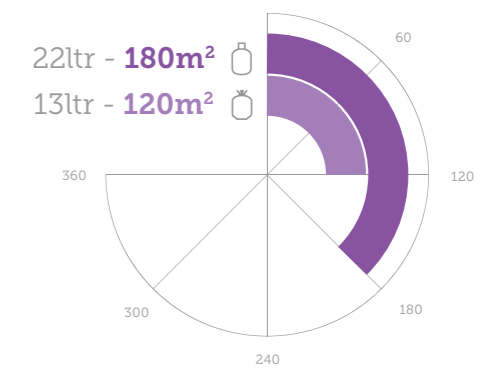
- EPS compatible.
- Non-MECL.
- Controllable and adjustable spray application

COLOUR:

- Black

TECHNICAL DATA

SQUARE METRE COVERAGE (m²):



APPLICATION TYPE:



1 SIDED

OPEN TIME*:



30 MINS

FLASH OFF TIME:**



10 MINS

SPRAY TYPE:



WEB SPRAY

GUN TYPE:



DETAIL GUN

HOSE TYPE:



4M BLACK RUBBER



FIELD GUN



8M BLACK RUBBER

*consult the Spray Manual for a more detailed tutorial on the bonding process

**depending on environment & ambient temperature

INSULATION



3001

LOW TEMP PU ROOF INSULATION ADHESIVE

QDEK® 3001 is a single-part moisture-cure urethane foam adhesive designed specifically for bonding insulation boards in flat roof applications. Successful bonds are achieved when bonding ISO boards, tissue faced insulation boards, PIR and PUR boards to a variety of roof decks including concrete, plywood and cementitious boards. QDEK® 3001 also works with EPS or XPS (expanded and extruded polystyrene) and will adhere insulation boards to existing felt for re-roof applications.

ADVANTAGES:

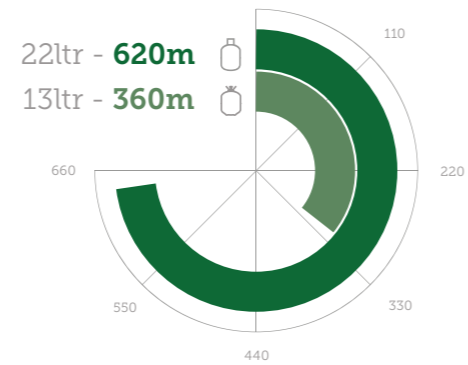
- Fast, clean and consistent application.
- Foam doesn't continue to rise.
- Tough bondline.
- Good extrudability in low temp conditions.

COLOUR:

- Cream

TECHNICAL DATA

COVERAGE:



APPLICATION TYPE:



1 SIDED

OPEN TIME*:



8 MINS

FLASH OFF TIME**:



5 MINS

SPRAY TYPE:



FOAM BEAD

GUN TYPE:



BEAD GUN

HOSE TYPE:



4M S/S BRAIDED C/W VALVE



8M S/S BRAIDED C/W VALVE

*consult the Spray Manual for a more detailed tutorial on the bonding process

**depending on environment & ambient temperature

QDEK® TOP TIPS

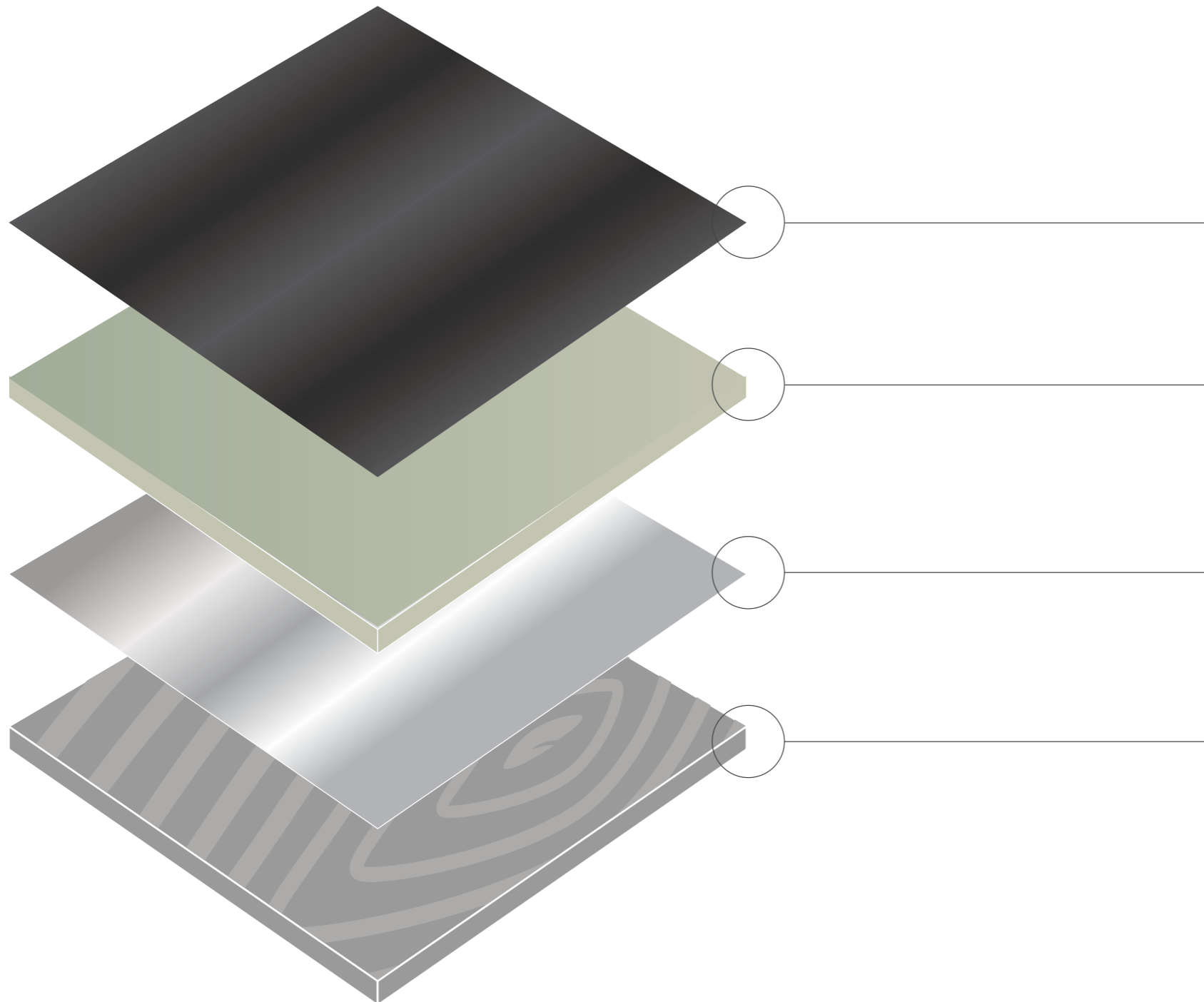
Check out the QDEK® Top Tips on the use of the spray systems and accessories:

- Once guns and hoses are connected to the canister for the first time, never turn the canister valve off until the canister is empty – this will stop adhesive curing in the hose and extend the life of the spray equipment.
- Ensure all gun and hose connections are tight prior to use – this will stop any leaks when the product is in use.
- Always use the adjustment wheel behind the trigger on the spray gun – this allows users to adjust the width of the spray pattern to suit the size of the area to be sprayed. You can achieve a spray width from 1" up to 20" giving users flexibility and full controllability.
- Setting the width of the spray pattern according to the size of the spray area reduces overspray, reducing wastage and increasing coverage
- When using polyurethane based products always use the spray solvent cleaners provided to maintain equipment. Before putting the spray gun down, spray the nozzle with solvent cleaner to ensure the gun is ready for use next time – this stops the tips curing up and saves downtime.
- Take the time out to ensure all substrates (i.e. membranes, insulation boards and roof deck) are free of dirt or debris prior to bonding - this will ensure optimum bond strength and performance.
- For optimum performance, store canister in environments above 10 degrees Celsius. This means canisters can be used effectively in temperatures below 5 degrees Celsius.

To view the range of QDEK® Tutorial Videos visit: www.qdek.com/resources

Keep an eye out for new tutorials being added as we develop exciting new products.

THE BUILD-UP



SUBSTRATE	ADHESIVE	SPRAY TYPE
Plain EPDM/TPO Plain PVC	QDEK® 2042 QDEK® 2300	 Web
SELF ADHESIVE EPDM/TPO	QDEK® 2400	
PIR(Polyisocyanurate)/ EPS(Expanded Polystyrene)/ XPS(Extruded Polystyrene) Insulation Board	QDEK® 3001	 Foam Bead
VCL(Vapour Control Layer) / VCM(Vapour Control Membrane)	QDEK® 2042	 Web
SELF ADHESIVE VCL(Vapour Control Layer) / VCM(Vapour Control Membrane)	QDEK® 2400	
Metal Deck/ Concrete Deck/ Plywood Deck	N/A	N/A



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