

# Epoxy Adhesives & Epoxy Putties Catalogue



*Formulated For The Professionals*  
*Adhesives & Sealants*











A member of





Epoxy Adhesive

Product Characteristics					
Product Name		VT-140 Rapid Steel 4 Minutes Epoxy	VT-141 Rapid 3 Ton 4 Minutes Epoxy	VT-142 Vital Steel Epoxy	VT-143 Vital 3 Ton Epoxy
USPs	High Resistance	• Water, most solvents and common automotive oils			
	Features	It contains no solvent that causes shrinkage, chipping, peeling off, or cracking.			
	Materials	Repair • Rebuild • Filled • Seal - Metal, wood, plastic, china, ceramics, tools and glassware.			
Not suitable: Polyethene, polypropylene, PTFE and other flexible materials.					
Differences	Working Time	Short working time		Longer working time	
		<div>✓ 3 minutes working time</div> <div>✓ 4 minutes set time</div> <div>✓ 1 hour to handling strength</div> <div>✓ 24 hours to full strength</div> <div></div>	<div>✓ 3 minutes working time</div> <div>✓ 4 minutes set time</div> <div>✓ 1 hour to handling strength</div> <div>✓ 6 hours to full strength</div> <div></div>	<div>✓ 20 minutes working time</div> <div>✓ 30 minutes set time</div> <div>✓ 2 hours to handling strength</div> <div>✓ 24 hours to full strength</div> <div></div>	<div>✓ 2 hours working time</div> <div>✓ 3 hours set time</div> <div>✓ 8 hours to handling strength</div> <div>✓ 18 hours to full strength</div> <div></div>
	Applications	• Good for small hole filling	• For fill gap and surface repairs for metal parts	• For longer working time with larger assemblies	• For large assemblies with multiple components
Colour	<div>✓ Cures to dark grey colour</div> <div></div>	<div>✓ Cures to clear colour</div> <div></div>	<div>✓ Cures to grey colour</div> <div></div>	<div>✓ Cures to clear amber colour</div> <div></div>	

VT-140 / VT-144 / VT-191V |  
Rapid Steel 4 Minutes Epoxy



Scan to know more



Product Code	Packaging Size	Inner Box	Carton Quantity
VT-140	56.8 g (2 oz.) pack	12	144
VT-1403K	3.0 kg set	—	6
VT-144	20 g (Mini pack)	12	288
VT-191V	10 g x 6 (Vertical pack)	12	72

VT-141 / VT-147 / VT-192V |  
Rapid 3 Ton 4 Minutes Epoxy



Scan to know more



Product Code	Packaging Size	Inner Box	Carton Quantity
VT-141	28.4 g (1 oz.) pack	12	144
VT-1411K8	1.8 kg set	—	6
VT-147	14 g (Mini pack)	12	288
VT-192V	6 g x 6 (Vertical pack)	12	72

VT-142 | Vital Steel Epoxy



Scan to know more



Product Code	Packaging Size	Inner Box	Carton Quantity
VT-142	56.8 g (2 oz.) pack	12	144
VT-1423K	3.0 kg set	—	6

VT-143 | Vital 3 Ton Epoxy








Scan to know more



Product Code	Packaging Size	Inner Box	Carton Quantity
VT-143	28.4 g (1 oz.) pack	12	144
VT-1431K8	1.8 kg set	—	6
VT-143100	50 g x 2 tubes boxed	12	144



## Syringer Packaging (Instant-mix)

Product Name		VT-145 Vital Steel Epoxy	VT-145FC Rapid 4 Minutes Steel Epoxy	VT-146 Rapid 3 Ton 4 Minutes Epoxy	VT-148 Rapid 3 Ton 4 Minutes Epoxy	VT-149 Vital~Mix Rapid 3 Ton Epoxy
USPs	High Resistance	• Water, most solvents and common automotive oils				
	Features	Easy 1:1 epoxy dispensing cartridge. It contains no solvent that causes shrinkage, chipping, peeling off, or cracking.				
	Materials	<b>Repair • Rebuild • Fill • Seal</b> - Metal, steel, glass, wood, plastic, rubber, china, ceramics, tools, fiberglass, glassware etc. <b>Not suitable:</b> Polyethylene, polypropylene, PTFE and other flexible materials.				
Differences	Working Time	Longer working time		Short working time		
		✓ 20 minutes working time ✓ 2 hours to handling strength ✓ 24 hours to full strength 		✓ 3 - 5 minutes gel time ✓ 10-20 minutes set time ✓ 1 hour to handling strength ✓ 6 hours to full strength 		
	Colour	✓ Cures to dark grey colour 		✓ Cures to clear / slightly yellowish colour  		

### VT-145 / VT-145FC | Vital Steel Epoxy






### VT-146 / VT-148 / VT-149 | Rapid 3 Ton 4 Minutes Epoxy



Product Code	Packaging Size	Inner Box	Carton Quantity
VT-145 / VT-145FC	25 ml pack	12	144

Product Code	Packaging Size	Inner Box	Carton Quantity
VT-146	25 ml pack	12	144
VT-148	6 ml pack	12	144
VT-149	25 ml pack + 2 mixers (Mix pack)	12	144

## Epoxy Putty

Product Name		VT-137 All Purpose Putty	VT-138 / 195 Rapid Steel Putty	VT-139 / 196 Aquafix Putty
USPs	High Resistance	• Water • Temperature extreme • Chemicals (hydrocarbons, alcohols, esters, and dilute acids)		
	Features	A hand-mixable, "tootsie-roll" form, providing a "no mess" applications with no tools required. It will not rust, shrink or pull away. Once cured, it can be - <b>Drilled • Screwed • Machined • Filled • Painted</b>		
Differences	Working Time	✓ Fast setting ✓ 2 minutes working time ✓ 24 hours to full strength	✓ Fast setting ✓ 5 minutes working time ✓ 2 hours to handling strength ✓ 24 hours to full strength	✓ Medium setting (30 minutes) ✓ 15 minutes working time ✓ 4 hours to handling strength ✓ 24 hours to full strength
	Applications (Interior & exterior)	<b>Repair • Rebuild • Fill • Seal • Form • Patch • Mould</b> Nails holes, pipes leaks, handles and tool parts, ferrous metals, small engine parts, nuts and bolts, anchor machines and housing, equipment ducts and appliances, chipped bricks.	<b>Repair • Rebuild • Fill • Seal</b> Nuts & bolt, anchor machine, metal tools, equipment duct, pipes, housing & appliances, sink trap & auto bodies.	<b>Repair • Rebuild • Fill • Seal</b> Wooden boat decks & hulls, fittings, electrical connections, gaskets, water tanks, fish boxes, marine recreational equipment, tubs, hot tubs, battery casket, sinks, spas, gutters, tanks, pools. Damp wet areas and underwater (salt/fresh) application
	Colour	✓ Cures to white colour 	✓ Cures to dark grey metallic colour 	✓ Cures to white colour 

### VT-137 | All Purpose Putty



### VT-138 / VT-195 | Rapid Steel Putty



### VT-139 / VT-196 | Aquafix Putty



Product Code	Packaging Size	Inner Box	Carton Quantity
VT-137	50 g pack	12	144
VT-137100	50 g x 2 pack	12	144







Product Code	Packaging Size	Inner Box	Carton Quantity
VT-138	50 g pack	12	144
VT-13850	50 g tube	24	288
VT-138100	100 g tube	12	144
VT-195	28.4 g (1 oz.) pack	12	144

Product Code	Packaging Size	Inner Box	Carton Quantity
VT-139	50 g pack	12	144
VT-13950	50 g tube	24	288
VT-139100	100 g tube	12	144
VT-196	28.4 g (1 oz.) pack	12	144



# Industrial Epoxy (two-component epoxy)

## Product Characteristics

Product Name		VT-510 All Purpose Structural Epoxy	VT-511 Non-Sag Epoxy	VT-512 Multi Purpose Epoxy
USPs	High Resistance	• Weather • High heat • Fungus • Decay • Gasoline • Alkali • Certain acid		
	Features	It contains no solvent that causes shrinkage, chipping, peeling off, or cracking.		
	Market Segment	Wood-working, boat, wooden furniture and door.		
Differences	Working Time	✓ 45 minutes working time ✓ 90 minutes set time ✓ 6 hours to handling strength ✓ 24 hours to full strength 	✓ 45 minutes working time ✓ 90 minutes set time ✓ 24 hours to handling strength ✓ 72 hours to full strength 	✓ 2 hour working time ✓ 3 hours set time ✓ 8 hours to handling strength ✓ 24 hours to full strength 
	Applications	• High mechanical strength	• Non-flowing consistency • Cure underwater • Suitable for vertical bonding/filling application	• Suitable for large assemblies with multiple components
	Colour	✓ Cures to light red colour 	✓ Cures to yellow ochre colour 	✓ Cures to yellowish translucent colour 

### VT-510 | All Purpose Structural Epoxy



### VT-511 | Non-Sag Epoxy



### VT-512 | Multi Purpose Epoxy



Product Code	Packaging Size	Carton Quantity	Product Code	Packaging Size	Carton Quantity	Product Code	Packaging Size	Carton Quantity
VT-510300	300 g set	50	VT-511300	300 g set	50	VT-512225	225 g set	50
VT-510700	700 g set	24	VT-511700	700 g set	24	VT-512450	450 g set	24
VT-5101K4	1.40 kg set	12	VT-5111K4	1.40 kg set	12	VT-512900	900 g set	12
VT-5102K8	2.80 kg set	6	VT-5112K8	2.80 kg set	6	VT-5121K8	1.80 kg set	6

### Product Name

### VT-500 Epoxy Mortar

### VT-502 Panel Epoxy

### VT-504 FRC Epoxy Adhesive

### Description

- Solvent-free, thixotropic 2-component adhesive and repair mortar, based on a combination of epoxy resins and specially selected high-strength fillers.
- High-strength, high-modulus, moisture-tolerant properties for structural purposes.

- Specially designed for the adhesion of fibre-reinforced cement board.
- High mechanical strength, resistant towards water and most chemicals, together with reliable heat resistance.
- Can be sanded and will not crack if drilled.

### Applications

- Structural bonding - concrete, masonry, metals, wood, anchoring of grout bolts, dowels, vertical and overhead.
- Patching mortar - concrete, stone, ceramics, mortar, plasterwork, steel, iron, aluminium, wood, polyester, epoxy and glass.
- Repair of joint corners and be a rigid connection of narrow joint.

- Bonding tongue and groove and sealing butt joint of lightweight wall panels and prefabricated concrete bridge segments.

- Bonding cement boards, metal, wood, plastic, china, ceramics, tools, and glassware.

### VT-500 | Epoxy Mortar



### VT-502 | Panel Epoxy



### VT-504 | FRC Epoxy Adhesive



Product Code	Packaging Size	Carton Quantity	Product Code	Packaging Size	Carton Quantity	Product Code	Packaging Size	Carton Quantity
VT-500	5.0 kg set (Resin- 3.33 kg/4 pails, Hardener- 1.67 kg/12 cans)	1	VT-502	2.0 kg set (Resin- 1.34 kg, Hardener- 660 g)	1	VT-504	5.0 kg set	1
			VT-502	5.0 kg set (Resin- 3.33 kg/4 pails, Hardener- 1.67 kg/12 cans)	1	VT-504	90.0 kg set	1



### VITAL TECHNICAL SDN. BHD.

No.93, Jalan Industri 3/3,  
Rawang Integrated Industrial Park,  
48000 Rawang, Selangor, Malaysia.  
Tel: +603 6094 2088  
Fax: +603 6099 2930  
E-mail: sales@vitaltechnical.com

Distributed By

