

# TECH DATA SHEET

# PROJOINT

# V400-WT

## MAX STRENGTH EPOXY GROUT

PROJOINT V400-WT IS A SPECIALIST EPOXY SOLUTION FOR FILLING JOINTS BETWEEN NATURAL STONE AND CONCRETE PAVING. IDEAL FOR PEDESTRIAN AND VEHICLE AREAS WITH LOADS OF UP TO 40 TONNES. THIS TWO PART EPOXY RESIN SYSTEM IS EASY TO MIX AND THE SLURRY APPLICATION IS SIMPLE TO USE. PROJOINT V400-WT IS PERFECT FOR MEDIUM/HEAVY TRAFFIC DOMESTIC AND COMMERCIAL PROJECTS WITH MEDIUM TO HEAVY LOAD REQUIREMENTS.

### APPLICATION INSTRUCTIONS:

1. ENSURE THE SURFACE OF THE PAVING IS CLEAN PRIOR TO APPLICATION AND THE JOINTS ARE CLEANED OUT TO A MINIMUM DEPTH OF 25MM FOR 40T TRAFFIC LOADING, AND A MINIMUM JOINT WIDTH OF 5MM. PAVING SHOULD BE FIRMLY BEDDED AND STABLE PRIOR TO FILLING JOINTS AND LAID ON BEDDING MATERIAL SUITABLE FOR THE INTENDED TRAFFIC LOADING. PROJOINT V400-WT CAN BE INSTALLED ON PAVING WITH EITHER A PERMEABLE OR NON-PERMEABLE BEDDING. WE RECOMMEND USING PROJOINT PRE-GROUT SEALER PRIOR TO JOINTING TO PROTECT FROM POSSIBLE RESIN SHEEN. CARE SHOULD BE TAKEN TO ENSURE NO SOIL OR DIRT IS LEFT OR WALKED ONTO THE SURFACE OF THE PAVING DURING THE APPLICATION PROCESS AS THIS MAY GET TRAPPED IN THE RESIN ONCE CURED. 2. LIBERALLY WET THE PAVING PRIOR TO MIXING THE PRODUCT ALLOWING THE WATER TO SOAK INTO THE SURFACE. 3. PROJOINT V400-WT SHOULD BE MIXED IN A SUITABLY SIZED BUCKET USING A PLASTERER'S WHISK. WEARING APPROPRIATE P.P.E ADD THE SAND TOGETHER AND BEGIN MIXING. 4. MIX FOR AROUND 2 MINUTES UNTIL THOROUGHLY MIXED. 5. ADD 3 LITRES OF WATER TO THE MIX (EQUIVALENT TO 2 X RESIN CONTAINERS AND 1 X HARDENER CONTAINER) 6. MIX FOR A FURTHER 3 MINUTES UNTIL THE MIX BECOMES A FREE FLOWING SLURRY. ENSURE THE PAVING IS STILL WET AND THE SURFACE TEMPERATURE IS BETWEEN 3°C AND 25°C. DO NOT ALLOW PAVING TO DRY OUT DURING APPLICATION. TAKE CARE WHEN USING PRODUCT ON DARK PAVING IN DIRECT SUNLIGHT DUE TO HIGH SURFACE TEMPERATURES. 7. EMPTY THE MIX DIRECTLY ONTO THE PAVING. 8. MOVE THE MIX USING A SQUEEGEE OVER THE TOTAL AREA ALLOWING THE EMPTY JOINTS TO FILL COMPLETELY. 9. LEAVE FOR 10 TO 15 MINUTES TO ALLOW THE FOAM IN THE SLURRY TO DISAPPEAR. 10. USING A WET MEDIUM SOFT BRUSH AT 45° TO JOINTS, SWEEP OFF THE EXCESS SAND LEAVING THE PAVING CLEAN. 11. IT IS PARTICULARLY IMPORTANT TO SWEEP THE PAVING CLEAN BEFORE THE PRODUCT CURES, TO ENSURE ANY REMAINING RESIDUE DOES NOT SET ON THE PAVING SURFACE. DO NOT ADD ADDITIONAL WATER TO THE SURFACE AT THIS TIME. THE FLUID NATURE OF THE MORTAR MEANS THAT NO FURTHER COMPACTION OF THE JOINT IS REQUIRED. A TROWL OR IRON CAN BE USED IF NECESSARY ONCE THE MORTAR HAS BEGUN TO CURE, TO ACHIEVE A TRADITIONAL FINISH. **NOTE:** THIS PRODUCT IS NOT DESIGNED FOR PORCELAIN PAVING. PLEASE REFER TO THE NEXUS PORCELAIN RANGE OF PRODUCTS AT [WWW.NEXUSPAVINGSYSTEMS.CO.UK](http://WWW.NEXUSPAVINGSYSTEMS.CO.UK).



### FURTHER INFORMATION:

PROTECT FROM RAIN UNTIL FULLY CURED. PROLONGED AND HEAVY RAIN WILL DELAY THE CURING PROCESS AND INCREASE THE RISK OF FLUID DAMAGE SO WE RECOMMEND THAT THE JOINT AREA IS COVERED IF THERE IS CHANCE OF RAIN. PLEASE MAKE SURE THAT ANY PROTECTIVE COVER DOES NOT COME INTO CONTACT WITH THE FRESH JOINTS; AIR CIRCULATION OVER THE JOINTS IS REQUIRED DURING THIS TIME. CURE TIMES ARE DEPENDENT ON TEMPERATURE AND HUMIDITY, BUT AS A GUIDE CAN ACCEPT FOOT TRAFFIC AFTER 12 HOURS AND VEHICLE TRAFFIC AFTER 24 HOURS. PLEASE NOTE THAT COLD TEMPERATURES CAN DELAY THE CURE AND THEREFORE PROTECTION TIME REQUIRED. DUE TO THE HIGH EPOXY CONTENT PROJOINT V400-WT WILL HIGHLIGHT AND ENHANCE THE NATURAL SURFACE COLOURS AND TEXTURES OF THE PAVING. THIS RESIN FILM CAN BE ESPECIALLY NOTICEABLE ON GREY PAVING, INCLUDING GRANITE SO A TEST AREA IS ADVISED BEFORE USE. IT IS IMPORTANT TO SPREAD THE MIX ACROSS THE TOTAL PAVING AREA TO ENSURE THE POTENTIAL EFFECT IS UNIFORM. PLEASE NOTE, THIS IS A TEMPORARY EFFECT AND WEATHERING AND FOOT TRAFFIC WILL ACCELERATE ITS DISAPPEARANCE. FOR EXTRA POROUS PAVING OR TO MINIMISE ANY EFFECT PLEASE USE PROJOINT PRE-GROUT SEALER.

### KEY FACTS:



- ✓ 2 PART EPOXY RESIN MORTAR SYSTEM, CEMENT FREE
- ✓ PERMEABLE BEDDING MIX NOT REQUIRED
- ✓ SELF COMPACTING FAST & EASY APPLICATION
- ✓ HIGH STRENGTH AND SUITABLE FOR JOINT WIDTHS 5MM UPWARDS
- ✓ SUITABLE FOR PEDESTRIAN & VEHICULAR TRAFFIC UP TO 40 TONNES
- ✓ FOR USE WITH NATURAL STONE AND CONCRETE PAVING



NEUTRAL BUFF



MID-GREY



BLACK

AVAILABLE IN THREE VERSATILE COLOURS

APPROXIMATE COVERAGE PER 27KG KIT

Joint Size	600 x 600mm slabs	Four size Indian (600mm series)	100 x 100mm setts
5 x 25mm	45M <sup>2</sup>	39M <sup>2</sup>	8M <sup>2</sup>
10 x 25mm	22.5M <sup>2</sup>	19.5M <sup>2</sup>	4M <sup>2</sup>
15 x 25mm	15M <sup>2</sup>	13M <sup>2</sup>	2.67M <sup>2</sup>

### BRUTE STRENGTH PAVING PRODUCTS

RESTRICTED TO PROFESSIONAL USERS | EUH205 CONTAINS EPOXY CONSTITUENTS - MAY CAUSE ALLERGIC REACTIONS



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TESTING ALLTHREE COLOURS FOR DETERMINATION OF AVERAGE VALUES

SYSTEM	2 PART EPOXY RESIN JOINTING COMPOUND FOR NATURAL STON & CONCRETE PAVING
STORAGE	STORE IN A COOL, DRY, AND FROST FREE ENVIRONMENT AT TEMPERATURES BETWEEN 5°C AND 30°C
SHELF LIFE	12 MONTH FROM DATE OF MANUFACTURE
PACKAGING	27KG KITS DELIVERED ON SHRINK-WRAPPED PACKAGING
PALLET QUANTITY	42 UNITS
COVERAGE	AS SHOWN ON COVERAGE TABLE
COLOURS	NEUTRAL, MID-GREY, BLACK
WALK ON CURING TIME	12 HOURS IN DRY AMBIENT CONDITIONS
VEHICLE ON CURING TIME	24HOURS IN DRY AMBIENT CONDITIONS
FULL STRENGTH	28 DAYS
COMPRESSIVE STRENGTH (28 DAYS)	42.3N/MM2
FLEXURAL STRENGTH (28 DAYS)	15.6N/MM2
MAXIMUM VEHICLE WEIGHT	40 TONNES
SUB-BASE REQUIREMENT	FULL SOLID BED WITH A PERMEABLE BEDDING OR NON-PERMEABLE BEDDING MORTAR, SPECIFIED FOR INTENDED USE.

### HEALTH & SAFETY ADVISORY: RESIN COMPONENT

**RESTRICTED TO PROFESSIONAL USERS.** NOT SUITABLE FOR PORCELAIN PAVING. PLEASE REFER TO THESE USER INSTRUCTIONS FOR CORRECT PRODUCT USAGE.

**CONTAINS:** BIS-[4-(2,3-EPOXI PROPOXI)PHENYL] PROPANE; BISPHENOL F-EPOXY RESIN; OXIRANE, MONO[(C12-14-ALKYLOXY)METHYL] DERIVS.

**HAZARD STATEMENTS:** H315 CAUSES SKIN IRRITATION. H317 MAY CAUSE AN ALLERGIC SKIN REACTION. H319 CAUSES SERIOUS EYE IRRITATION. H411 TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.

**PRECAUTIONARY STATEMENTS:** P273 AVOID RELEASE TO THE ENVIRONMENT. P280 WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION.

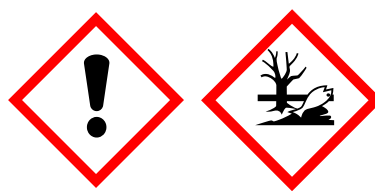
P333+P313 IF SKIN IRRITATION OR RASH OCCURS: GET MEDICAL ADVICE/ATTENTION. P362+P364 TAKE OFF CONTAMINATED CLOTHING AND WASH IT BEFORE REUSE. P337+P313 IF EYE IRRITATION PERSISTS: GET MEDICAL ADVICE/ATTENTION.

EUH205 CONTAINS EPOXY CONSTITUENTS. MAY PRODUCE AN ALLERGIC REACTION. FOR FULL SAFETY INFORMATION, REFER TO MSDS.

**UN NUMBER:** UN 3082 **TRANSPORT HAZARD CLASS:** 9

**STORAGE:** PROTECT FROM FROST PACKING GROUP: III

**TECHNICAL HELPLINE:** TEL: 01937 858000. WWW.NEXUSPAVINGSYSTEMS.CO.UK



WARNING

### HEALTH & SAFETY ADVISORY: HARDENER COMPONENT

**HAZARD STATEMENTS:** H314 CAUSES SEVERE SKIN BURNS AND EYE DAMAGE. H317 MAY CAUSE AN ALLERGIC SKIN REACTION. H411 TOXIC TO AQUATIC LIFE WITH LONG

LASTING EFFECTS. **PRECAUTIONARY STATEMENTS:** P260 DO NOT BREATHE DUST/FUME/GAS/MIST/VAPOURS/SPRAY. P273 AVOID RELEASE TO THE ENVIRONMENT. P280 WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION/HEARING PROTECTION. P301+P330+P331 IF SWALLOWED: RINSE MOUTH. DO NOT INDUCE VOMITING. P303+P361+P353 IF ON SKIN (OR HAIR): TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING. RINSE SKIN WITH WATER OR SHOWER. P305+P351+P338 IF IN EYES:

RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING. P310 IMMEDIATELY CALL A POISON CENTER/DOCTOR. SPECIAL LABELLING OF CERTAIN MIXTURES. EUH071 CORROSIVE TO THE RESPIRATORY TRACT. CONTAINS: 4,4'-ISOPROPYLIDENEDIPHENOL, OLIGOMERIC REACTION PRODUCTS WITH 1-CHLORO-2,3-EPOXYPROPANE, REACTION PRODUCTS WITH M-PHENYLENEBIS(METHYLAMINE), POLYMER EPOXY RESIN ADDUCT, C11- OXOALCOHOL, 7 EO, PHENOL, STYRENATED, 1,3-BIS(AMINOMETHYL)BENZENE, M-XYLYLENEDIAMINE, 2,2,4-TRIMETHYLHEXANE-1,6-DIAMINE, 3-AMINOMETHYL-3,5,5-TRIMETHYLCYCLOHEXYLAMINE.

**UN NUMBER:** UN 2735 **TRANSPORT HAZARD CLASS:** 8

**STORAGE:** PROTECT FROM FROST PACKING GROUP: II

**TECHNICAL HELPLINE:** TEL: 01937 858000.

**VISIT:** WWW.NEXUSPAVINGSYSTEMS.CO.UK



DEMO VIDEO



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BRUTE STRENGTH PAVING PRODUCTS

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DISCOVER MORE: CALL: 01937 858000 | SALES@NEXUSPROSYSTEMS.CO.UK | WWW.NEXUSPAVINGSYSTEMS.CO.UK