

- | Revisions | | | |
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EXTERNAL FACADE OF SCHOOL - CONCRETE BLOCK / BRICK -
MEDIUM DENSITY CONCRETE BLOCK / BRICK

NEW SIKA PAREX PARMUREX + SILOXANE REINFOCED MASONRY SUBSTRATE ACRYLIC SYSTEM APPLICATION

BASECOATS

- ## PRIMER

- SILOXANE ACRYLIC TOPCOAT:**

- ### CRACK CONTROL - WINDOWS & DOORS

THE **PAREX TV10** MESH SHOULD NOT BE MECHANICALLY FIXED BUT FULLY EMBEDDED AND BONDED WITHIN THE RENDER DURING THE INITIAL APPLICATION/KEY COAT STAGE.

MOVEMENT JOINTS

OTHER DESIGN CONSIDERATIONS

- 1. GUTTERS AND DOWN-PIPES**
CONTRACTOR TO ENSURE GUTTERS AND DOWN PIPES ARE INSTALLED TO KEEP WATER AWAY FROM THE RENDER FACADES.
- 2. FLASHINGS, OVERHANGS, SILLS AND COPINGS**
CONTRACTOR TO ENSURE FLASHINGS, OVERHANGS, SILLS, AND COPINGS HAVE SUFFICIENT OVERHANGS AND DRAIPS TO AVOID CREATING A CAPILLARY PATH, WHICH MAY CAUSE WATER TO COLLECT. FLASHINGS AND OVERHANGS SHOULD BE OF SUFFICIENT DESIGN TO PREVENT WATER WASHING OR SPLASHING ON TO THE SURFACE OF THE RENDER AS THIS COULD CAUSE STAINING.
- 3. PIPES, CABLE, GAS VENTS AND OTHER PROJECTIONS**
CONTRACTOR TO ENSURE THE RENDER IS NOT PLACED DIRECTLY AGAINST PROJECTING PIPES OR GAS VENTS OR TO BURY PIPES OR CABLES WITHIN THE RENDER.
CONTRACTOR TO ENSURE ALL PROJECTING PIPES TO BE SURROUNDED USING AN APPROPRIATE MATERIAL THAT IS AT LEAST 10MM LARGER THAN THE DIAMETER OF THE PIPE OR PROJECTING ITEM. FOR GAS VENTS OR SIMILAR, THESE SHOULD HAVE AN APPROPRIATE SLEEVE OR RECEIVE A STOP BEAD NEATLY FITTED AROUND THE VENT, LEAVING A GAP BETWEEN THE GAP AND THE STOP BEAD. ALL INSTANCES AN APPROPRIATE WEATHERPROOF SEALANT SHOULD BE USED TO SEAL THE GAP.
FOR PIPES AND CABLES RUNNING UP OR ALONG THE WALL AN APPROPRIATE ACCESS DUCT SHOULD BE INSTALLED.
- 4. EXISTING PLINTH TO SCHOOL BUILDING**
CONTRACTOR TO ALLOW FOR HACKING OFF ALL EXISTING PLINTHS AND PREPARE SURFACES TO RECEIVE NEW EXTERNAL RENDERING SYSTEM AND INSTALL BELLCAST PRIOR TO RENDER STOP BEAD AND RE-RENDER PLINTHS WITH NEW SIKA EXTERNAL RENDER SYSTEM. BELLCAST DETAIL TO BE INSTALLED AT LEVEL OF DPC.

5. BEADS

ALL BEADS TO BE PVC

CORNER / CORNER MESH PROFILES - INSTALL PVC ANGLE BEADS INTEGRATED WITH A PRE-BONDED TV10 ALKALI-RESISTANT FIBERGLASS MESH TWP, PLACED AT ALL EXTERNAL CORNERS, WINDOW REVEALS, AND DOOR JAMBS, ETC. TO PROVIDE IMPACT RESISTANCE AND PRECISE GEOMETRIC EDGES.

WINDOW & DOOR FRAME SEALS INCL. WINDOW CILLS

SELF-ADHESIVE PVC APERTURE SEALING BEADS
FEATURING A FOAM SEALING STRIP AND PROTECTIVE
TEAR-OFF STRIP. APPLIED DIRECTLY TO WINDOW/DOOR
FRAME AND WINDOW CILLS FRAMES BEFORE RENDERING
TO ENSURE A WIND-TIGHT, WATERPROOF ELASTIC SEAL

SITE PRECAUTIONS:

1. CONTRACTOR TO ENSURE THAT BEFORE RENDERING BEGINS, THE SCAFFOLDING HAS BEEN POSITIONED TO PROVIDE SUITABLE ACCESS TO THE WHOLE OF THE FACADES. AVOID PLACING SCAFFOLD TUBES CLOSE TO THE WALL. IN THIS CASE, THE SCAFFOLDING TUBES WHICH MAY RESULT IN SIGHT LINES SHOWING WHEN THE SCAFFOLD IS STRIPPED.
2. CONTRACTOR TO ENSURE THAT DUE TO THE NATURE OF THE RENDER THAT WATER IS NOT ALLOWED TO SPLASH ONTO THE FINISHED FACE PARTICULARLY DURING THE FIRST 24 HOURS AFTER FINISHING. THIS COULD CAUSE STAINING PARTICULARLY NOTICEABLE ON STRONG COLOURS. IF IN DOUBT PLACE TEMPORARY PROTECTION TO VULNERABLE AREAS.
3. CONTRACTOR TO ENSURE THAT ALL GUTTERING AND TRAYING DOWN PIPES, ELECTRICALS AND HANDRAILS ARE REMOVED AND STORED SAFELY BEFORE RENDERING COMMENCES. THIS IS ESSENTIAL TO AVOID WET PATCHES BEING FORMED WHERE A CONCENTRATION OF WATER HAS COLLECTED FROM AN OPEN DOWN-PIPE HOPPER.
4. CONTRACTOR TO CAREFULLY REMOVE SPLASHES OF MATERIAL IN PARTICULAR FROM GUTS OF ALUMINIUM IMMEDIATELY AS THEY MAY ETCH THE SURFACE AND LEAVE A PERMANENT MARK

CURING:

1. CONTRACTOR TO ENSURE CARE IS BE TAKEN TO PROTECT CEMENT PRODUCTS SOON AFTER THE APPLICATION FROM RAPID FREEZING AND HEAVY RAINFALL. FOR OTHER DRYING CONDITIONS I.E. WHERE THERE IS DIRECT EXPOSURE TO SUNLIGHT OR DRYING WINDS, THE RENDER MAY REQUIRE TO BE KEPT EVENLY DAMP FOR ABOUT 3 - 4 DAYS BY LIGHTLY SPRAYING PERIODICALLY WITH CLEAN WATER. THIS PROCESS IS IMPORTANT TO ENSURE COMPLETE HYDRATION OF THE CEMENT AND THE LIME CAN TAKE PLACE.

SITE INSPECTION:

1. CONTRACTOR TO ALLOW FOR TRADECRAFT/PAREX TO INSPECT PRIOR TO THE FIRST APPLICATION TO ENSURE BEAD DEPTHS ARE MAINTAINED AND RE-ENFORCING AND ALL PREPARATION IS INSTALLED CORRECTLY. WEATHER CONDITIONS AND SUBSTRATE WILL ALSO BE EXAMINED ON THE DAY.
2. CONTRACTOR TO ALLOW FOR FURTHER SITE INSPECTIONS AND REPORTS TO BE ISSUED DURING BASECOAT AND FINISHCOAT STAGES.

APPLICATION OF THE EXTERNAL WATERPROOF RENDERING

SYSTEM	WORKS TO BE UNDERTAKEN ONLY BY PAREX APPROVED AND REGISTERED APPLICATORS, APPROVED BY THE MANUFACTURER IN THE APPLICATION OF THE EXTERNAL WATERPROOF RENDERING SYSTEM AS MANUFACTURER'S PRODUCT WARRANTY FOR THIS PROJECT IS REQUIRED TO BE ISSUED TO THE ER UPON COMPLETION OF THIS PROJECT.
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MANUFACTURER'S WARRANTY

UPON COMPLETION OF THIS PROJECT THE MANUFACTURER'S
10 YEAR PRODUCT WARRANTY FOR THIS PROJECT IS
REQUIRED TO BE ISSUED TO THE ER.

REACTION TO FIRE PERFORMANCE

REVLANE SILOXANE TG 1.6 - A2-s1, d0 - PLEASE REFER TO ATTACHED DoP FOR PAREXLANKO WITHIN APPENDIX D OF THE SPECIFICATION

PARMUREX - CLASS A1 - PLEASE REFER TO ATTACHED DoP FOR
PAREXLANKO WITHIN APPENDIX B OF THE SPECIFICATION

NOTE:
WHERE TRADE NAMES ARE USED TO DESCRIBE THE QUALITY OF A
PRODUCT THE CONTRACTOR MAY PROPOSE AN ALTERNATIVE
PRODUCT, WHICH MEETS THE SAME SPECIFICATION AND
PROVIDES THE SAME WARRANTIES AS THAT SPECIFIED. THE
ARCHITECT'S AGREEMENT TO SAME MUST BE RECEIVED.
ALL DRAWINGS TO BE READ IN CONJUNCTION WITH ARCHITECT'S
SPECIFICATION.
CONTRACTOR TO QUALITY TEST & INSPECT ALL WORK, AND TO BE
AWARE OF FINISHED CONDITIONS AND ENSURE THAT ALL
MEMBRANES, TAPES ETC. ARE CONCEALED AND DO NOT SHOW IN
THE FINISHED WORKS.



KEY:



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TENDER

PROPOSED NEW EXTERNAL WORKS AT ST MARYS PRIMARY
SCHOOL, OLD YOUGHAL ROAD, DUNGARVAN, CO. WATERFORD.

PROPOSED EXTERNAL RENDERING WORKS
- PROPOSED ELEVATIONS

SCALE; A1 @ 1:100
A3 @1:200

DATE: MAY 26

DRAWING NO.:
26-108-TR-05

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