EMBASSY OF THE UNITED STATES OF AMERICA

In Windhoek Namibia

STATEMENT of WORK and TECHNICAL SPECIFICATIONS

Exterior Repair and Painting of the U.S. Embassy

14 Lossen Street, Windhoek
FOREWORD
The Embassy of the United States of America, in Windhoek Namibia is soliciting services of labor, materials and fully comprehensive work to perform the repair, patching and painting of 1. Motor Pool (left side of Embassy) 2. Back walkway, 3. Front 4. Motor vehicle parking 5. Roof. This will include exterior walls, structures, and specified metal works as well as guard houses at the U.S. Embassy. Break the quote down into 5 section.

GENERAL
- The contractor shall provide all materials necessary for the fully comprehensive work, unless otherwise specified.
- The provision of skilled labor means certified/trained laborers with at least three years’ experience in their particular field, equipped with all hand/electrical tools, etc. necessary to carry out their work.
- The contractor shall be able to operate simultaneously with two teams of 5 laborers and schedule the work within individual areas of the property with a 48-hour advance notice.
- The contractor shall furnish the following documentation at time of bid.
  - Price breakdown of work according to SOW
  - Timeline for work
  - Certifications of skill sets for all foremen/supervisors
  - Contact information for on-site supervisor
  - Copy of insurance policy for civil liability
  - 3 references apart of US Embassy related work of previous work that include pictures and contact info
  - Specifics of any filler, primer, sealer, and all paints to be used

The above documentation is mandatory at time of Bid. Otherwise, contractor will be deemed “Unacceptable”.
STATEMENT OF WORK
FOR
CONSTRUCTION SERVICES FOR
THE U.S. EMBASSY PAINTING PROJECT
FOR WINDHOEK

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1.0 INTRODUCTION AND OBJECTIVES

1.1 The U.S. Embassy in Windhoek requires the services of the Contractor to repair and paint the exteriors of all the existing cement plastered concrete structures and both sides of the perimeter walls on the Embassy Compound. The winning Contractor should also be prepared to paint the various structures found on the grounds of the embassy property such as, but not limited to, metal works, flower planters, parking structures, barriers, and guard booths. The surface should be properly prepared and restored to an acceptable dry and sealed surface according to the product manufacturer’s requirements and the Government specifications before new paint is to be applied. The new paint should match the existing paint color. Surface preparation includes patching and sealing of the cement plastered concrete walls. The objective is to paint all exterior walls with two coats of paint at the specified wet thickness required for a waterproofing system that meets the requirements of the Contract Documents and the Manufacturer’s specifications.

1.2 The U.S. Embassy is located in Windhoek, Namibia. All inspections shall be requested through the Embassy’s Facility Manager (FM), John Russel. The Facility Manager will also be the Contracting Officer’s Representative (COR). The Contracting Officer (CO) is Nate Savio. The COR will assist and direct the contractor when scheduling work or inspections, obtaining approved local supplies, and liaison with Embassy personnel during the construction phase of the Project. All questions concerning coordination of installation activities while at Post shall be directed to the COR. Contact information will be provided via separate correspondence. **The COR has no authority to add or authorize any modification to this statement of work issued to the Contractor.**

1.3 Mr. Marius Verwey, will be the Contracting Officer Technical Representative (COTR). The COTR will be the responsible for technical aspects such as: onsite appropriate use of tools and equipment and approval of working technics. The COTR may also assist the COR with directing the contractor when scheduling work, obtaining approved local supplies, and liaison with Embassy personnel during the construction phase of the Project. **The COTR has no authority to add or authorize any modification to this statement of work issued to the Contractor.**
1.5 Work shall be completed as expeditiously as possible. All the buildings will be occupied during the execution of this contract. All scaffolding or lifting equipment shall be removed from the Chancery building at the end of the workday and stored at a location determined by the COR. The Contractor shall coordinate with the COR or, if applicable COTR for work phasing and job sequencing with work commencing and completing in each building area in a sequential order. The Contractor will submit a phasing plan with the construction schedule for review and approval prior to commencement of work at the Embassy Compound. The phasing plan will include the order of priority that each structure or area should be completed.

2.0 GENERAL REQUIREMENTS:

2.1 The Contractor shall provide construction personnel, scaffolding, equipment, supplemental materials, tools, and supervision as needed to complete the services that meet the technical requirements in this Statement of Work (SOW). The Embassy will provide one restroom on the premises for workers to use. Transit to and from the restroom will be done under Embassy escort. It is expected that the Contractor shall coordinate closely with Embassy personnel on logistical issues.

2.2 The work shall be executed in a diligent manner in accordance with a negotiated firm fixed price and performance period. The period of performance for all Phases of the project shall be completed in 40 Workdays from Notice to Proceed, with consideration for verified inclement weather days and holidays. The Contractor is expected to start the work within 10 business days of notice to proceed. Work hours will be from Monday to Thursday 8am – 16:30 and Friday 8am to 11:45.

2.3 The Contractor shall not have unsupervised access to any structure and must coordinate the scaffolding and work to not interfere with Embassy employee’s access and egress to any building. The Contractor shall address the impact of any disruption and provide for a continuing level of operation for the continuous occupation of the buildings.

2.4 The Contractor shall be required to prepare to provide reports, a bill of materials, product literature, specifications, quality control schedules, safety plans for approval, work schedules and cost estimates. These documents shall provide the necessary interfaces, communication and coordination between the Embassy and the Contractor for the delivery of a completed project.

2.5 All work and preparation for work to be performed must utilize appropriate safety equipment provided at the Contractor’s expense. The proper and appropriate safety equipment required will be identified and continually inspected by the Embassy POSHO Assistant and/or the Facility Manager.

3.0 CONTRACTOR FURNISHED MATERIAL

3.1 Contractor shall provide adequate quantities of materials in addition to the inventory of materials currently stored at the site to provide a complete project as specified.
Procurement – All local material procurements shall be executed in accordance with the Post Regional Security Officer (RSO) direction. The contractor shall refer to the security requirements in section 10 for further guidance as required.

3.2 The Government shall not furnish any tools for this requirement, including personal or tradesman tools, ladders, etc. Contractor furnished tools shall also include expendable items, e.g., saw blades, drill bits, rags, cleaning materials, etc. The contractor shall be required to furnish expendable tools as well as non-expendable tools.

3.3 Contractor supplied products and application requirements – see attached exhibit.

4.0 CONTRACT ADMINISTRATION

4.1 The Contractor shall not conduct any work that is beyond this Statement of Work and accompanying specifications unless directed in writing by the Contracting Officer (CO). Any work done by the Contractor beyond this SOW and accompanying specifications without direction from the CO will be at the Contractor’s own risk and at no cost to the Embassy.

4.2 The Contacting Officer shall provide a Notice to Proceed (NTP) to the Contractor. No work shall be initiated until the NTP is issued by the CO.

4.3 The Contracting Officer may designate more than one individual to serve as the Contracting Officer’s Representative (COR).

4.4 The Embassy does not make representations or warranties of whatsoever kind or nature, either expressed or implied, as to the quality, level of completion, accuracy, extent of compliance with the standards, codes and requirements described or referred to in this SOW, or the extent of coordination between or among the documents provided to the Contractor.

4.5 The Embassy’s review, approval, or acceptance of, or payment for the services required under this contract shall be construed to operate as a waiver of any rights under this contract or any cause of action against the Contractor arising out of the performance of this contract.

4.6 The Embassy has the right to inspect and test all services called for by the contract, to the extent practicable at all times and places during the term of the contract. The Office of Overseas Buildings, the FM, or their representative may perform quality assurance inspections (QAI) and tests during construction to confirm the work is installed according to the SOW.

4.7 The Contracting Officer has the authority to issue a temporary stop order during the execution of any phase of this SOW. This authority may be executed when the Embassy requires time for official functions or is in possession of specific credible information indicating that the lives of Embassy personnel are immediately threatened, and that the
execution of the project will increase the Embassy’s vulnerability. The Contractor shall promptly notify the CO that work has been stopped.

4.8 If any of the Contractor’s services do not conform to the contract requirements, the COR may require the Contractor to perform the services again in conformity with the contract requirements. The Embassy may by contract or otherwise, perform the services and charge the Contractor any cost incurred by the Embassy that is directly related to the performance of such service or terminate the contract for default.

4.9 The Embassy has the right to terminate this contract of convenience at any time in whole, or from time to time, if the Contracting Officer determines it is in the interest of the Embassy.

4.10 Should the Contractor fail to complete the work specified in this contract during the period of performance, liquidated damages in the amount of N$1200.00/day maybe assessed.

5.0 RESPONSIBILITY OF THE CONTRACTOR

5.1 The Contractor shall be responsible for the professional quality, technical accuracy, and the coordination of all construction and other services furnished under this Contract. The Contractor shall, without additional compensation, correct or revise any errors or deficiencies in its construction and other services.

5.2 The Contractor shall identify a Project Site Manager who shall be responsible for the overall management of the project and shall represent the Contractor on the site during construction. The Project Site Manager shall be approved by the COR.

5.3 The Project Site Manager shall attend all project meetings, prepare Status Reports on the Project, and submit them to the COR. Status Reports shall contain meeting minutes, accomplishments, arising concerns and proposed solutions, any proposed changed orders, and any other pertinent information required to report the progress of performance.

5.4 All documents produced for this project will become the property of the Embassy at the completion of the project.

5.5 The Contractor shall verify that all paint, materials, equipment, and systems incorporated into the Project provide operational dependability. The Contractor assures that the completed construction shall be easily maintained or replaced with readily available materials and services.

5.6 The contractor shall not subcontract out any part of this project without written authorization from the COR. Any cost associated with services subcontracted by the Contractor shall be borne by and be the complete responsibility of the Contractor under the fixed price of this contract.
5.7 The Contractor is responsible and accountable for their employees, subcontractor personnel and personal safety and shall comply with all OSHA regulations and where applicable, local labor laws, regulations, customs, and practices pertaining to labor, safety and similar matters. The Contractor shall promptly report all accidents to the COR resulting in lost time, disabling, or fatal injuries.

5.8 The Contractor shall be and remain liable to the Embassy in accordance with applicable law for all damages to the Embassy caused by the Contractor’s negligent performance of any of the services furnished under this contract. The rights and remedies for the Embassy provided for by this contract are in addition to any other rights and remedies provided by law. Notice to the COR shall be within one calendar day.

5.9 The Contractor shall examine all the documents and visit the site to fully inform themselves of all the conditions and limitations applied to the work and submit a firm fixed price cost proposal for all the work. No subsequent cost allowance will be made to the Contractor for neglect of the existing conditions.

5.10 Provide a statement that the Contractor’s company and all construction personnel are experienced in painting building exteriors similar to the type and scope required.

5.11 The Contractor shall be prepared to accompany the COR and/or COTR during unannounced inspections of the work and workplace. A Project Safety Plan (PSP) addressing the full length of the project of the project should be provided to the COR.

5.12 Submit a copy of a Contractor’s Installation Guarantee covering the work, labor and equipment for a period of three (3) year at no cost to the Embassy signed by the Contractor.

5.13 Submit a Bill of Materials (BOM), product literature, samples, and standard specification submittals of all materials to be used in the project provided by the contractor. The BOM’s shall list the equipment and materials in sufficient detail that a purchase order for the materials and equipment can be executed without further elaboration or specifications. These documents will be used by the Embassy to approve all equipment and materials and materials.

5.14 The Contractor will be fully responsible for providing physical protection against wet paint, wind borne paint spray, failing scaffolding, and falling objects for visitors and employees, their clothing and personal effects, and their vehicles for the duration of this contract and any subsequent contract extensions. The Contractor will be responsible for the complete cleaning and removal of paint splatter, residue or misting from clothing, personnel, and private or government owned vehicles that are damaged. Compensation will be made by the Contractor if clothing and personal effects cannot be cleaned, or vehicles’ painted surfaces that are irreparably damaged. Paint repair to vehicles will extend over the entire panel.

5.15 Areas adjacent to buildings or structures where paint will be applied will be roped off 12 hours before the beginning of painting operations by the Contractor. Where necessary, “No Parking” signs will be prominently displayed.
6.0 WORK REQUIREMENTS

6.1 No work shall begin until approvals of the Contract Administration Submittals are accepted by the COR.

6.2 The Contractor shall be responsible for all required materials not provided by the Embassy, equipment, and personnel to manage, administer, and supervise the project. All workmanship shall be of good quality and performed in a skillful manner as determined by the COR.

6.3 The Contractor shall be responsible for taping and masking all adjacent areas to the area being painted when a different product is being applied. There should be no blending, bleeding, or over spraying of differing products, colors, or finishes.

6.4 All materials and equipment incorporated into the project shall be new unless noted otherwise. The Contractor shall transport and safeguard all materials and equipment required for construction.

6.5 Equipment and materials shall be carefully handled, properly stored, and adequately protected to prevent damage before and during installation, in accordance with the manufacturer’s recommendations. Damaged or defective items will be replaced. The Contractor is responsible for security of all materials and equipment.

6.6 Receipt of Materials – Shipment of equipment, materials, and supplies shall be addressed to the Contractor- not the Embassy. The Contractor must be on hand to accept shipments. The Embassy will not accept shipments.

6.7 The Contractor will be provided with a storage and staging area as determined by the COR. The Contractor shall be responsible for restoring the area to its original condition at the completion of the work. The Contractor shall be responsible for repair of any damage incurred to buildings or pavement because of storage activities. The Contractor is responsible for obtaining any additional off–compound storage areas as required.

6.8 The Contractor shall always keep the work area free from accumulation of waste materials and will ensure periodic clean-up of paint and plaster scrapings. Upon completing construction, the Contractor shall remove all temporary facilities and leave the project site in a clean and orderly condition acceptable to the COR.

6.9 The Contractor shall perform the work at the site during the Embassy’s normal workday hours unless agreed upon with the COR.
6.10 At the end of each workday, or notification of a temporary stop order, the Contactor shall lower and remove all scaffolding, temporary work platforms, and/or harnesses. Contractor shall notify the COR of the temporary barricade locations. Beginning the next workday, the Contactor shall remove the temporary barricades before continuing the project.

6.11 Storm Protection - Should warnings of wind of gale force or stronger be issued, the Contactor shall take every practical precaution to minimize danger to person, the work and adjacent property. Precautions shall include, but not be limited to, closing all openings, removing all loose materials, tools and equipment from exposed locations, and other temporary work.

6.12 Cleanup – The Contractor shall keep the work area, including storage areas, free from accumulations of waste materials daily and comply with local regulations pertaining to the storage, transport and disposal of wastes. The Contractor shall not use Embassy waste disposal facilities including garbage cans, trash piles, or dumpsters.

6.13 Landscape Restoration – The surfaces of all unpaved areas disturbed by work activities shall be returned to the original state as approved by the COR. Landscape shrubs killed or damaged by construction activities shall be replaced with same species and size.

7.0 CRITERIA

7.1 The Contactor’s work shall be in accordance with current U.S. codes and standards. The COR will review and comment on the Contractor’s submittals using the following codes and standards:
   American Society for Testing & Materials,
   2003 International Building Code,
   2003 International Plumbing Code,
   Statement of Work for Construction/Painting Services

9.0 DELIVERABLES SCHEDULE

9.1 The Contractor shall commence work under this contract promptly, execute the work diligently, and achieve final completion and acceptance including final cleanup of the premises within the period specified.

9.2 Milestones:
   Contractor Pre-Proposal Site Visit
   Bid Submissions
   Technical Review
   Award of Contract
   Pre-Construction Submittals Within 10 days of Award
9.3 Upon Project Completion: Furnish one copy of maintenance and operating information, Contractor’s three-year workmanship guarantee and product literature of all items installed.

10.0 **RSO AND CONSTRUCTION SECURITY PLAN (CSP)**

10.1 The Project Site Manager shall be responsible for the overall management and execution of the onsite construction activities and shall represent the Contractor on the site during construction. The Site Manager shall be responsible for ensuring the contractor’s employees, team, and subcontractors follows the Construction Security Plan (CSP). The Site Manager shall have a copy of the CSP and a copy of the certification/confirmation cable in his/her possession during the project.

10.2 All materials, tools, specialized tools, and equipment shall be furnished in accordance with the Project Specifications, design, and project schedule. All Contractor Furnished Equipment (CFE) shall be handled and delivered in accordance with Construction Security Plan (CSP). Tools: The Contractor shall provide all tools, including testing and commissioning equipment, for this project. The Government shall not furnish any tools for this requirement, including personal or tradesman tools, ladders, etc. Contractor furnished tools shall also include expendable items, e.g., saw blades, drill bits, rags, cleaning materials, etc. The contractor shall be required to furnish expendable tools as well as non-expendable tools.

10.3 All local contracts shall be fully disclosed and priced with the contractor’s proposal. The use of local contractors for field verification or design services is authorized. All contractors requiring access to the site to perform work shall be cleared in advance by the Post Regional Security Office (RSO). No local contractors will be granted access unless the Post RSO has provided written authorization in advance of the access and access request.

10.4 The work to be performed under this contract requires that the Contractor, its employees, and sub-contractors submit corporate, financial and personnel information for review by the Embassy. Information submitted by the Contractor will not be disclosed beyond the Embassy.

10.5 The Contractor shall submit this information including construction vehicle requirements within 10 days of the Notice to Proceed.

10.6 The Contractor shall submit a schedule and diagram for the placement of all scaffolding at the Chancery to the COR for review and approval by the Regional Security Officer (RSO). Scaffolding shall not block required access to, or egress from the Chancery at any time.
10.7 All scaffolding located at the chancery building shall be removed at the end of the Contractor’s workday. The contractor will secure, by locking, all tools and equipment at the end of each workday.

11.0 PAYMENTS

11.1 The Contractor shall provide a fixed price lump sum proposal to the Contracting Officer. The Contractor may submit requests for progress payments at monthly intervals to cover the value of labor and materials completed to date. In making progress payments, there shall be retained 10% of the amount due until final completion.

11.2 The Contractor shall submit one copy of all payment invoices, with the appropriate backup documents to the COR. The COR will determine if the invoice is complete and proper as submitted. The COR also will determine if billed services have been satisfactorily performed and if expenses claimed are correct. If it is determined that the invoice is incorrect, the COR will within seven days, request the Contractor to submit a revised invoice.

11.3 The Contractor shall specifically identify his last invoice “Final Invoice.” The Final Invoice shall include the remaining payment claimed to be due under the basic contract and all modifications issued, if any. The final invoice shall also have the Contractor’s Release of Claims Certificate attached.

Warranty of work: The contractor agrees that
- Materials and equipment used by the contractor and any subcontractor will be new and of good quality unless otherwise required
- The work will be free from defects for a period of 3 years and other than those inherent in the work as specified
- Work will conform to the requirements of the contract documents.

Site Conditions: The site will be free of any debris related to the construction services at the end of the project. Cutting or welding on the ground shall not leave any markings of any kind. To prevent marking the ground it is recommended that the cutting or welding be done offsite or have a protective layer for the pavers/ concrete. Paint will be cleaned up using an outdoor faucet. There shall not be any paint residue left at the faucet area.

12.0 LABOR

All the work to be carried out at the site, not described in the list of the fully comprehensive work shall be calculated on a time and material basis approved by the COR.

Schedule a walkthrough with the COR at least one week prior to the completion of work for a SUBSTANTIAL COMPLETION walkthrough. At which point the COR and the contractor will agree upon a punch list or items remaining to be completed prior to FINAL COMPLETION. Both parties will agree upon a time frame for the work to be done. At the Final Completion, a walkthrough will be done, and a certificate will be signed. The one
year of warranty will be based upon that date. A retainage of 10% of the contract value will be withheld until the Final Completion Certificate has been issued.

13.0 EVALUATION OF OFFERS

Evaluation for awarding the contract shall be based upon economic offer, technical capability, organizational, resources, and proven performance verified by references or already quality or work.
Substantial Completion Inspection

Inspecting work done so far as per the Scope of Work.

List any deficiencies needed to be completed to obtain Final Completion Certificate.

Work to be completed by Date: ____________________________
Final Completion Certificate

I, (COR) __________________ here by award (Contractor) __________________ with a Final Completion Certificate for their work at __________________________.

The work has been deemed complete and satisfactory according to the Scope of Work. Any and all remaining payments are authorized to be released to the contractor.

Signature __________________________       Date_____________________
Product Quality and Specifications Data

Exterior Walls:
- Remove all flacking and loose paint.
- Small cracks to be fixed with Peralin Perabuild MXRP-2 or another manufacturer’s equivalent product with the following specifications:

<table>
<thead>
<tr>
<th>Properties</th>
<th>Data</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resin Type</td>
<td>ACRYLIC</td>
<td>-</td>
</tr>
<tr>
<td>Drying Times</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Touch dry</td>
<td>Depends on thickness</td>
<td>minutes.</td>
</tr>
<tr>
<td>Hard dry</td>
<td>Depends on thickness</td>
<td>hours</td>
</tr>
<tr>
<td>Over coating Time</td>
<td>2 depending on thickness</td>
<td>hours</td>
</tr>
<tr>
<td>Recommended number of coats</td>
<td>n.a.</td>
<td>-</td>
</tr>
<tr>
<td>Coverage</td>
<td>n.a.</td>
<td>m²/Ltr</td>
</tr>
<tr>
<td>Surface Appearance</td>
<td>smooth</td>
<td>-</td>
</tr>
<tr>
<td>Cleaning Solvent</td>
<td>Water</td>
<td>-</td>
</tr>
<tr>
<td>Shelf Life</td>
<td>6 month</td>
<td>month</td>
</tr>
<tr>
<td>Available colours</td>
<td>White</td>
<td>-</td>
</tr>
<tr>
<td>Unit sizes and weights</td>
<td>5Ltr = 5.5kg, 1 Ltr = 1.1kg</td>
<td>Ltr = kg</td>
</tr>
</tbody>
</table>

- Large cracks to be fixed with Peralin Perafix MB-6 & cement mixture or another manufacturer’s equivalent product with the following specifications:

<table>
<thead>
<tr>
<th>Properties</th>
<th>Data</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resin Type</td>
<td>Alkaline stable</td>
<td>-</td>
</tr>
<tr>
<td>Cleaning Solvent</td>
<td>Water</td>
<td>-</td>
</tr>
<tr>
<td>Shelf Life</td>
<td>6</td>
<td>month</td>
</tr>
<tr>
<td>Unit sizes and weights</td>
<td>20Ltr =24.3kg, 5Ltr = 6.3kg, 1Ltr = 1.3kg</td>
<td>Ltr = kg</td>
</tr>
</tbody>
</table>

- Peralin MCE-1 Plaster primer or another manufacturer’s equivalent product with the following specifications should be applied over the re-plaster and exposed areas:

<table>
<thead>
<tr>
<th>Properties</th>
<th>Data</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resin Type</td>
<td>Acrylic</td>
<td>-</td>
</tr>
<tr>
<td>Drying Times</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Touch dry</td>
<td>20</td>
<td>minutes.</td>
</tr>
<tr>
<td>Hard dry</td>
<td>1</td>
<td>hours</td>
</tr>
<tr>
<td>Over coating Time</td>
<td>2</td>
<td>hours</td>
</tr>
<tr>
<td>Recommended number of coats</td>
<td>1 to 2 (depending on substrate)</td>
<td>-</td>
</tr>
<tr>
<td>Coverage</td>
<td>7</td>
<td>m²/Ltr</td>
</tr>
<tr>
<td>Surface Appearance</td>
<td>Matt, smooth</td>
<td>-</td>
</tr>
</tbody>
</table>
- All chalking walls should be sealed with Peralin MB-30 Sealer or another manufacturer’s equivalent product with the following specifications before painting:

<table>
<thead>
<tr>
<th>Properties</th>
<th>Data</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resin Type</td>
<td>Acrylic</td>
<td>-</td>
</tr>
<tr>
<td>Drying Times</td>
<td>Touch dry 20 minutes.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Hard dry 1 hours</td>
<td></td>
</tr>
<tr>
<td>Over coating Time</td>
<td>6 hours</td>
<td></td>
</tr>
<tr>
<td>Recommended number of coats</td>
<td>1 to 2 (depending on substrate)</td>
<td>-</td>
</tr>
<tr>
<td>Coverage</td>
<td>8 to 10 m²/Ltr</td>
<td></td>
</tr>
<tr>
<td>Surface Appearance</td>
<td>Transparent</td>
<td>-</td>
</tr>
<tr>
<td>Cleaning Solvent</td>
<td>Water</td>
<td>-</td>
</tr>
<tr>
<td>Shelf Life</td>
<td>6 month</td>
<td></td>
</tr>
<tr>
<td>Available colours</td>
<td>n.a.</td>
<td>-</td>
</tr>
<tr>
<td>Unit sizes and weights</td>
<td>20Ltr =21.3kg, 5Ltr = 4.9kg, 1Ltr = 1.1kg</td>
<td>Ltr = kg</td>
</tr>
</tbody>
</table>

- Parapet walls should be sealed with a rain seal membrane such as Fibre Seal or similar product and then coated with Peralin MDRC or another manufacturer’s equivalent product with the following specifications before painting:

<table>
<thead>
<tr>
<th>Properties</th>
<th>Data</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resin Type</td>
<td>Acrylic</td>
<td>-</td>
</tr>
<tr>
<td>Drying Times</td>
<td>Touch dry 20 minutes.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Hard dry Depends on film thickness hours</td>
<td></td>
</tr>
<tr>
<td>Over coating Time</td>
<td>+/- 6 (depends on film thickness) hours</td>
<td></td>
</tr>
<tr>
<td>Cleaning Solvent</td>
<td>Water</td>
<td>-</td>
</tr>
<tr>
<td>Shelf Life</td>
<td>6 month</td>
<td></td>
</tr>
<tr>
<td>Available colours</td>
<td>See colour card and White</td>
<td>-</td>
</tr>
<tr>
<td>Unit sizes and weights</td>
<td>5Ltr = 6.8kg, 1Ltr = 1.4kg</td>
<td>Ltr = kg</td>
</tr>
</tbody>
</table>

- Apply 2 coats of Peralin PVA grade 1 MEAG or another manufacturer’s equivalent product with the following specifications:

<table>
<thead>
<tr>
<th>Properties</th>
<th>Data</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resin Type</td>
<td>Pure Acrylic</td>
<td>-</td>
</tr>
</tbody>
</table>
### Drying Times
- **Touch dry:** 20 minutes.
- **Hard dry:** 2 hours.

### Overcoating Time:
- 6 hours.

### Recommended number of coats:
- 2 coats.

### Coverage:
- 7 to 8 m²/Ltr.

### Surface Appearance:
- Sheen:
  - *

### Cleaning Solvent:
- Water:
  - *

### Shelf Life:
- 6 months.

### Available colours:
- White, other colours on request.

### Unit sizes and weights:
- 20Ltr = 25.7kg, 5Ltr = 7kg, 1Ltr = 1.4kg

### Substrate

<table>
<thead>
<tr>
<th>Substrate</th>
<th>Cleaner</th>
<th>Sealer / First coater</th>
<th>Primer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mineral substrate – new</td>
<td>n.a.</td>
<td>One coat PLASTER PRIMER (MCE-1)</td>
<td>n.a.</td>
</tr>
<tr>
<td>Mineral substrate – previously coated*</td>
<td>Prepare as below</td>
<td>Prepare as below</td>
<td>n.a.</td>
</tr>
<tr>
<td>Galvanized iron – new</td>
<td>Clean with METAL CLEANER (MXC-1)</td>
<td>n.a.</td>
<td>Apply 1 coat METAL PRIMER (MCWP-1)</td>
</tr>
<tr>
<td>Galvanized iron – previously painted **</td>
<td>Prepare as below</td>
<td>n.a.</td>
<td>Prepare as below</td>
</tr>
<tr>
<td>Steel – new</td>
<td>Clean with METAL CLEANER (MXC-1)</td>
<td>n.a.</td>
<td>Apply 1 coat METAL PRIMER (MCWP-1)</td>
</tr>
<tr>
<td>Steel – previously painted ***</td>
<td>Prepare as below</td>
<td>n.a.</td>
<td>Prepare as below</td>
</tr>
</tbody>
</table>

### Exterior Steel:
- Remove all flacking and loose paint.
- Sand down and clean
- Spot prime with Peralin MCWP-1 metal primer or another manufacturer’s equivalent product before painting (see specifications above).
- Apply 2 coats of Peralin PVA grade 1 MEAG or another manufacturer’s equivalent product (see specifications above).