

# METHOD STATEMENT ADM-BR30

SPEED  
QUALITY  
EFFICIENCY



## AMA DRY-MIX

|                                  |   |
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| <p>Introduction</p>              | <p>AMA Dry-Mix Base Render ADM-BR30 is a spray/mixing machine optimised factory pre-mixed render. It's primary function is to create a base coat or finishing render for internal wall applications. It can be sprayed to a thickness of 60 mm in one day if so required.</p> <p>AMA Dry-Mix Base Bridge ADM-BR30 will not require a dash coat when applied on concrete blocks unless project specs require a dash coat.</p> <p>The AMA Dry-Mix production site in the Kingdom of Bahrain uses the most advanced mixing technology from M-tec, Germany.</p> <p>AMA Dry-Mix is committed to its task in the development and adaptation of dry mortar standards for Bahrain's construction industry.</p> <p>AMA Dry-Mix Base Render ADM-BR30 has been used on key projects across Bahrain, please contact our technical department for further information or references.</p> |
| <p>Testing and Compliance</p>    | <p>AMA Dry-Mix maintains a fully staffed laboratory for raw material and production control testing in accordance with all current ISO, GSO, SASO and EN standards for dry mortar testing methods.</p> <p>All test results are backed up by independent third party testing.</p>  |
| <p>Environmental Suitability</p> | <p>AMA Dry-Mix Base Bridge ADM-BR30 was developed specially for the harsh climatic conditions of the Middle East using longstanding German expertise in dry mortar formulations. Only leading brands of additive suppliers are used in the production, such as Wacker or Dow Chemicals.</p>   |

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| Pumping / Mixing        | AMA Dry-Mix Base Renders are a mixing/pumping machine optimised factory pre-mixed Base Render with outstanding workability qualities to provide excellent plastering with maximum labour savings, even if used for hand mixing and application.   |
| Suitable Substrates     | <p>AMA Dry-Mix Base Render ADM-BR30 is an approved base coat or finishing render for internal wall application. It can be sprayed to a thickness of 60mm (in two layers) if required. Levelling spots should be ready and all joints covered with appropriate lath or fibre mesh.</p> <ul style="list-style-type: none"> <li>All types of concrete blocks, new (without Dash Coat)</li> <li>All types of fair face concrete walls. (With AMA Dry-Mix Base BridgeADM-BB60 Dash Coat)</li> <li>Old block in renovation stage (with AMA Dry-Mix Base Bridge ADM-BB60 Dash Coat) recommended</li> </ul> |
| Surface Preparation     | <ul style="list-style-type: none"> <li>Protect any adjacent area to the work area</li> <li>Remove all adhesion limiting contamination, such as dust, splatter, dirt or other contact limiting materials</li> <li>It is advisable to dampen the walls by mist- spraying sweet water prior to plastering</li> <li>Where possible apply in the shade</li> </ul>  |
| Mixing by hand or drill | <ul style="list-style-type: none"> <li>Select a clean vessel appropriate to the size of job on hand</li> <li>Fill vessel with the required amount of sweet water</li> <li>Slowly add the required amount of AMA Dry-Mix Base Render ADM-BR30 under constant mixing</li> <li>If using a mixing drill select a slow speed</li> <li>Mix thoroughly until a smooth consistency is acquired ready for immediate use</li> </ul>   |
| <b>Important!</b>       | <b>Do not mix the material with any other material and do not re-temper.</b>  |

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| <p>Mixing with continuous mixing machine</p>                     | <p>(example: AMA Dry-Mix M-Tec D50)</p> <ul style="list-style-type: none"> <li>▪ Select a clean bucket or wheelbarrow appropriate to the size of job on hand</li> <li>▪ Fill the machine hopper with AMA Dry-Mix Base Render ADM-BR30</li> <li>▪ Connect the machine to power and water and adjust the water amount to ensure the correct mixing consistency.</li> </ul> <p>The mix is ready for immediate use.</p>  |
| <p><b>Important!</b></p>   | <p><b>Do not mix the material with any other material and do not re-temper.</b></p>  |
| <p>Mixing with continuous mixing machine and pumping machine</p> | <p>(example: AMA Dry-Mix M-Tec Duo-Mix)</p> <ul style="list-style-type: none"> <li>▪ Fill the machine hopper with AMA Dry-Mix Base Render ADM-BR30 (if using a fully automatic material conveying system this step is not necessary)</li> <li>▪ Connect the machine to power and water and adjust the water amount to ensure the correct mixing consistency</li> <li>▪ Connect a 35 mm diameter conveying hose</li> <li>▪ Maximum three 35 mm diameter hoses of 13.5 meter length may be used</li> <li>▪ Prime the conveying hose as per instructions</li> <li>▪ Spray the material for the first layer on wall starting from top to bottom then move to next area and allow to set for 2 days/cm thickness</li> <li>▪ Spray intermediate/finish level and level out surface with H-Profile</li> <li>▪ Finish surface within 4-5 hours from spraying in hot weather or next day in cold weather</li> </ul> |

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**AMA DRY-MIX**

Mixing with continuous mixing machine

D50 Mixing machine



Mixing with continuous mixing and pumping machine

AMA Dry-Mix M-Tec Duo-Mix



**Important**

Please contact our Technical Service Division for further information on machines.

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| <p>Surface Preparation &amp; Application Method</p> | <p>Application of AMA Dry-Mix Base Render ADM-BR30<br/><b>Preparation (all methods):</b></p> <ul style="list-style-type: none"> <li>▪ Protect any adjacent area not to be covered with AMA Dry-Mix Base Render ADM-BR30</li> <li>▪ Set level points at desired thickness</li> <li>▪ Dampen surface by mist spray</li> <li>▪ Where possible apply in the shade</li> <li>▪ Work from the top down</li> </ul>   |
| <p>Application by Hand</p>                          | <ul style="list-style-type: none"> <li>▪ Apply evenly with a plasterers trowel in layers of 20 mm thickness</li> <li>▪ If greater thickness is desired allow 1-2 hours between successive layers to a maximum of 6 cm. The last 15 mm should then be applied after a curing period of 2days per cm thickness.</li> <li>▪ Immediately level with featheredge straightedge fill all hollows and even out</li> <li>▪ Finish with float, sponge to desired decor</li> <li>▪ If used as a base for the following coat of another material, only level out and leave surface open to aid adherence of successive coat</li> </ul> |

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| <p>Application by Spray Gun</p>      | <ul style="list-style-type: none"> <li>▪ Spray evenly and methodically in sections of about 2 meters high by 1 meter wide to a thickness if maximum 35 mm.</li> <li>▪ If greater thickness is desired allow 1 hour between successive layers to a maximum of 6 cm. The last 15 mm should then be applied after 24 hours.</li> <li>▪ Immediately level with featheredge straightedge, fill all hollows and even out</li> <li>▪ Allow to set, time is depending on material thickness, temperature etc.</li> <li>▪ Finish with float, sponge to desired decor</li> <li>▪ If used as a base for following coat by other material only level out and leave surface open to aid adherence of successive coat</li> </ul> |
| <p>Suggested Application Methods</p> | <p>Spray Gun Application</p>   |

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| <p>Embedding of Fibre Glass Mesh</p> | <p>For Thickness of Render of more than 5 cm in total:</p> <ul style="list-style-type: none"> <li>▪ Embed approved fibre glass mesh in the Intermediate Layer</li> <li>▪ The mesh should be completely covered</li> <li>▪ Allow to cure before applying the final layer of render</li> </ul> <p>Mesh should be at the top 2/3rd of the total thickness.</p> |
| <p>Suggested Finishing Methods</p>   | <p>By hand trowel, finishing can also be done finishing machines.</p>   |
| <p>Spills</p>                        | <p>Remove immediately, clean with clean water.</p>  |

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| Curing of AMA Dry-Mix ADM-BR30             |  |                   |   |
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| INSIDE APPLICATION                         |  |                   |   |
| Climatic Condition                         | Preparation  | Curing            | Climatic Condition  |
| Enclosed Space without draft               | Close windows or doors to exclude draft                  | Base coat         | No curing   |
|  |  | Intermediate Coat | No curing   |
|  |  | Final Coat        | No curing   |
| Open Space in hot / dry / draft conditions | Reduce draft where possible                              | Base coat         | No curing   |
|  |  | Intermediate Coat | Apply 1x<br>After 3 hours, fine mist spray with salt-free clean water |
|  |  | Final Coat        | Apply 1x<br>After 3 hours, fine mist spray with salt-free clean water |
| Paint Application                          | Allow 36 hours minimum for application of mineral paints |                   |   |

End of Method Statement.

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