



انظمة تشطيب
Finishing Systems

ARTISAN AS20

PRODUCT DESCRIPTION

DMC Artisan AS20 is a premixed sprayable finishing render to achieve even or creative finishes. AS20 can be used on all leveled and slightly rough rendered interior or exterior surfaces. AS20 is developed for the harsh Middle East climate conditions and optimized for the latest automatic conveying, mixing and spraying machines. Applied by hand or with mixing and spraying machine, AS20 offers a fast and economic solution to beautiful creative finishes.

TYPICAL APPLICATIONS

DMC AS20 is used primarily for interior and exterior walls where a high durable creative finish is required. AS20 is ideal as exterior finish on residential villas or boundary walls.

FEATURES & BENEFITS

- High bonding strength without primer
- Easy workability for creative finishes
- Highly durable for long lasting wall finish

APPLICATION PROCEDURE

Surface preparation:

All surfaces must be clean, dimensionally stable, sound and free from all traces of oil, grease, mold release agent and curing compound. Renders should be slightly rough and cured sufficiently that all shrinkage has occurred. Larger surface inconsistencies should be filled and leveled out with BR30 in advance.

We recommend to prepare the surface with DMC Prime Coat PC10 to allow for easier application, even finish and a longer open time for Artisan AS20.

Mixing instructions:

Add 25KG of AS20 to 6.0L of cool, clean and salt-free water. Mix to a uniform lump free consistency and allow material to stand for 5 minutes. Then mix again. Full bags ideally should be mixed in a mixing machine at slow speed. Part bags should be mixed using a slow speed drill and mixing paddle.

Application instructions:

Dampen substrate with clean and salt-free water directly before application. Apply AS20 with trowel or spray gun to the wall. Distribute and level material with trowel to thickness of maximum 6mm. Leave material for around 3 minutes. Then structure the surface with a microcellular sponge float in steady circular movement and with light pressure for an even finish. Finish the wall entirely to ensure that material is always applied wet on wet.

Disclaimer: All data is derived by approved testing methods and application experiments under laboratory conditions. Deviations are possible under practical conditions.

TECHNICAL DATA

COMPOSITION

Binder:	Hydrated lime White cement
Aggregates:	Graded sand (max. grain size 1.2mm)
Additives:	Organic polymers to improve consistency and workability

SUBSTRATES

Render

APPLICATION

Mixing ratio:	6.0L per 25KG
Rec. min. thickness	3mm
Max. thickness/layer	6mm

TYPICAL PROPERTIES

Appearance:	White powder
Bonding strength:	>0.3N/mm ²
Colour:	Precoloured, White
Compressive strength:	>2N/mm ²
Consumption per m ² :	1.28kg/mm ²
Flexural strength:	0.6N/mm ²
Mortar class:	SASO EN 998-1 CS II
Yield: approx.	750L/Ton

CONFORMITY

ASTM C109	ASTM C144
ASTM C150	EN 1015-2
EN 1015-10	EN 1015-11
EN 1015-12	EN 1015-18
EN 1015-19	SASO EN 998-1

FIRE CLASSIFICATION

A1, 100% noncombustible (EN 13501-1)



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For a creative finish apply material with the trowel of your choice, allow to set for a minute and then shape to the desired finish. After initial set use a soft sponge or brush to give the final finish and to remove any dags.

Surface Protection:

DMC recommends to apply DMC Clear Coat CC10 after curing time to protect the final surface.

Curing:

During rapid drying conditions such as hot climate, curing with a fine spray of clean water is required.

APPLICATION TEMPERATURE

Do not use material below 5°C, schedule work for morning hours during extreme heat.

LIMITATIONS OF USAGE

- Avoid applying the material in direct sunlight during extreme heat.
- Avoid work interruptions during application.
- Do finishing steps before material starts to set.
- Ensure that tools are clean.
- Always add material to the water.
- Do not re-temper mixed material.
- Do not mix with any other material.
- Setting time of the product may vary largely depending on climatic conditions, substrates and application thickness of the product.

TECHNICAL INFORMATION

Consult the DMC Technical Services Department for specific recommendations concerning all other applications. Visit the DMC website www.dmc-mix.com for additional information about products, systems and for updated literature.

SAFETY PRECAUTIONS

As with all building products, care should be taken during use and storage to avoid contact with eyes, mouth, skin and foodstuffs. Treat splashes to eye and skin immediately. If accidentally ingested, seek immediate medical attention. Use in well ventilated areas. Avoid inhalation of dust when using powdery products. Wear suitable protective gloves, safety goggles and respiratory protection mask.

STORAGE

Store out of direct sunlight, clear of the ground on pallets protected from rainfall. Avoid excessive compaction. Shelf life is 9 months for all dry mortar products and 3 months for all liquids. Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging. For specific storage advice consult DMC's Technical Services Department.

PACKAGING

- 25KG bag



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NOTE

Field service, where provided, does not constitute supervisory responsibility. For additional information contact your local DMC representative. DMC reserves the right to have the true cause of any difficulty determined by accepted test methods.

QUALITY & CARE

All products originating from DMC Saudi Arabia are manufactured under conformity to the requirements of the quality, environmental and occupational health & safety standards of the above mentioned SASO, ANSI, ASTM, ISO and DIN EN norms.

DISCLAIMER

Whilst any information contained herein is true, accurate and represents our best knowledge and experience, no warranty is given or implied with any recommendations made by us, our representatives or distributors, as the conditions of use and the competence of any labor involved in the application are beyond our control. All data is derived by approved testing methods and application experiments under laboratory conditions. Deviations are possible under practical conditions. As all DMC technical datasheets are updated on a regular basis it is the user's responsibility to obtain the most recent issue.



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