

## QUALITEX SC-200 SAND CARPET

*Pre-Mixed Decorative Resin-Bound Aggregate Flooring System*

### PRODUCT DESCRIPTION

QUALITEX SC-200 Sand Carpet is a pre-mixed decorative resin-bound aggregate flooring system incorporating selected natural decorative aggregates, a water-based resin binder and integrated epoxy reinforcement. The product is supplied as a complete pre-mixed material and requires only mechanical homogenization before application.

When applied over properly prepared compatible substrates and protected with the specified QUALITEX Sealer, the system provides a seamless, textured decorative finish suitable for interior and exterior applications. Final appearance depends on aggregate color, grading, installation technique and surface finishing.

#### TYPICAL APPLIED THICKNESS

Approximately 4-5 mm, depending on substrate condition, installation method and required finish.

| RECOMMENDED USES                                                                                                                                                                                                                                                                                                                                                          | ADVANTAGES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
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| <ul style="list-style-type: none"><li>• Residential and commercial flooring</li><li>• Exterior terraces and balconies</li><li>• Walkways and entrances</li><li>• Pool surrounds and wet-area floors</li><li>• Decorative landscape areas</li><li>• Renovation over compatible existing floor finishes</li><li>• Concrete and properly prepared tiled substrates</li></ul> | <ul style="list-style-type: none"><li>• Pre-mixed, ready-to-apply system after homogenization</li><li>• Seamless decorative aggregate finish</li><li>• Natural multi-colored appearance</li><li>• Water-based resin technology with integrated epoxy reinforcement</li><li>• Textured surface with enhanced slip resistance</li><li>• Suitable for interior and exterior applications</li><li>• Good adhesion to properly prepared compatible substrates</li><li>• Wide range of aggregate colors and visual combinations</li></ul> |

### COMPLETE SYSTEM

#### SYSTEM BUILD-UP

Prepared Substrate → QUALITEX Approved Primer → QUALITEX SC-200 Sand Carpet → QUALITEX Sealer

QUALITEX SC-200 is supplied as the complete Sand Carpet body coat: the decorative aggregate, water-based resin binder and epoxy reinforcement are already incorporated in the 20 kg pail.

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## SUBSTRATE REQUIREMENTS & PREPARATION

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The substrate must be structurally sound, stable, clean, dry and sufficiently flat for application of the decorative flooring system.

Remove dust, laitance, oil, grease, weak coatings, loose material and other contaminants that may impair adhesion. Unsound or damaged areas must be removed and repaired before application.

Existing ceramic tiles, porcelain, marble, natural stone and other compatible finishes must be checked for soundness and adhesion. Mechanical preparation should be carried out where necessary to obtain a clean, sound and suitably textured bonding surface.

### Movement Joints

Existing structural and movement joints must be respected and carried through the complete system where required. QUALITEX SC-200 must not be used to bridge active structural cracks or movement joints.

### Moisture & Waterproofing

Do not apply over substrates affected by active rising moisture or uncontrolled water ingress. Where project waterproofing is required, an approved waterproofing system must be provided beneath the decorative flooring in accordance with the project specification.

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## PRIMING

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Apply the specified QUALITEX Approved Primer uniformly over the properly prepared substrate using the appropriate application method. Allow the primer to reach the specified application condition before applying QUALITEX SC-200.

Highly absorbent or irregular substrates may require additional preparation or primer treatment. Primer consumption depends on substrate porosity and condition and should be established for the specific project.

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## PRODUCT PREPARATION

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QUALITEX SC-200 is supplied as a pre-mixed ready-to-apply material. Before application, thoroughly homogenize the contents of the pail using a low-speed mechanical mixer until the aggregate and binder are uniformly distributed and a consistent working texture is obtained.

### IMPORTANT

Do not add water, resin, aggregate, cement, solvent or other materials unless specifically instructed by QUALITEX.

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## APPLICATION

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Apply QUALITEX SC-200 over the properly prepared and primed substrate using a suitable stainless-steel trowel or professional flooring tool.

- Spread the material uniformly to obtain the specified thickness.
- Compact and finish the surface to achieve consistent aggregate distribution and decorative texture.
- Maintain continuity between application areas to reduce visible joints or shade variation.
- Avoid excessive compaction that may adversely affect the intended texture and appearance.
- Protect freshly applied material from contamination, water and premature traffic during initial drying.

## SEALING

After the SC-200 layer has dried sufficiently, apply the specified QUALITEX Sealer over the clean and dry surface in accordance with the sealer application instructions.

The protective sealer is intended to improve surface protection, cleanability and resistance to staining and normal service conditions. The selected sealer and number of coats should be appropriate for the intended exposure.

### IMPORTANT

The Sand Carpet system and its sealer must not automatically be considered a substitute for structural waterproofing. Where waterproofing is required, a dedicated approved waterproofing system must be provided beneath the decorative flooring.

## DRYING & CURING

| PROPERTY                  | REQUIREMENT / TYPICAL VALUE |
|---------------------------|-----------------------------|
| Initial drying            | Approx. 24 hours            |
| Full curing               | 7 days                      |
| Typical applied thickness | Approx. 4-5 mm              |

### Final Curing

Allow the completed QUALITEX SC-200 system to cure for 7 days before exposure to full service conditions. During the curing period, protect the surface from standing water, washing, chemical exposure, heavy traffic, impact and premature covering.

Drying and curing times may vary according to temperature, humidity, ventilation, substrate condition, applied thickness and sealer selection.

## TYPICAL COVERAGE

### COVERAGE

Approximately 8-10 m<sup>2</sup> per 20 kg pail, depending on installation conditions and application technique.

Actual coverage may vary depending on applied thickness, substrate flatness and profile, installation method, degree of compaction, required texture and applicator technique. A representative site trial is recommended where accurate project quantities are required.

## SLIP RESISTANCE

The textured aggregate finish provides enhanced slip resistance compared with smooth flooring finishes. Actual slip performance depends on aggregate grading, surface texture, application method, sealer type and wet or dry service conditions.

Where a certified slip-resistance classification is required, project-specific testing should be carried out. No certified slip-resistance value is stated in this TDS.

## TECHNICAL DATA

| PROPERTY                  | REQUIREMENT / TYPICAL VALUE                                       |
|---------------------------|-------------------------------------------------------------------|
| Product type              | Pre-mixed decorative resin-bound aggregate flooring system        |
| Supply form               | Ready-to-apply pre-mixed material after mechanical homogenization |
| Aggregate                 | Selected natural decorative aggregates                            |
| Binder                    | Water-based resin binder with integrated epoxy reinforcement      |
| Surface finish            | Seamless textured decorative aggregate finish                     |
| Typical applied thickness | Approx. 4-5 mm                                                    |
| Typical coverage          | Approx. 8-10 m <sup>2</sup> per 20 kg pail*                       |
| Initial drying            | Approx. 24 hours                                                  |
| Full curing               | 7 days                                                            |
| Packaging                 | 20 kg pail                                                        |
| Shelf life                | 12 months from date of manufacture                                |

\*Coverage is installation-dependent and should be confirmed by representative site trial for project quantity calculations.

## EXTERIOR & WET-AREA APPLICATIONS

QUALITEX SC-200 may be used in exterior and wet-area applications when the complete system, including substrate preparation, primer and protective sealer, is suitable for the intended exposure. Final performance depends on aggregate selection, binder, sealer, drainage, UV exposure and environmental conditions.

## CLEANING & MAINTENANCE

Clean the finished surface using water and a neutral-pH, non-aggressive detergent. Avoid strong acids, strong alkalis, aggressive solvents and abrasive cleaning methods that may damage the surface or protective sealer.

Inspect the protective sealer periodically and renew it when required according to wear, traffic and exposure conditions.

## PACKAGING

| PROPERTY                    | REQUIREMENT / TYPICAL VALUE                                            |
|-----------------------------|------------------------------------------------------------------------|
| QUALITEX SC-200 Sand Carpet | 20 kg pail                                                             |
| System components           | Primer and sealer are supplied separately as specified for the project |

## STORAGE & SHELF LIFE

| PROPERTY           | REQUIREMENT / TYPICAL VALUE                                                                                                         |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Shelf life         | 12 months from date of manufacture when stored correctly in the unopened original container                                         |
| Storage conditions | Store in the original tightly closed container in a cool, dry environment, protected from direct sunlight, frost and excessive heat |

## HEALTH & SAFETY

For professional use. Wear suitable protective gloves, eye protection and protective clothing during handling and application. Ensure adequate ventilation in enclosed areas.

Avoid contact with skin and eyes. Refer to the relevant Safety Data Sheets (SDS) for the primer, SC-200 and sealer for complete information regarding handling, first aid, storage, transport and disposal.

## LIMITATIONS

- Do not apply over unstable, wet, contaminated or structurally unsound substrates.
- Do not bridge active structural cracks or movement joints.
- Do not apply over substrates affected by active rising moisture unless an appropriate moisture-control system has been installed.
- Exterior and wet-area performance depends on correct substrate preparation and the complete system configuration.
- Slip resistance varies with aggregate grading, installation technique, surface texture and sealer selection.
- The decorative flooring system must not be considered a substitute for structural waterproofing.
- Final color, texture and appearance may vary due to natural aggregate variation and application method.
- Coverage is dependent on installation conditions and should be verified by representative site trial for critical quantity calculations.
- An approved site mock-up is recommended before full-scale application.

## TECHNICAL DISCLAIMER

The information contained in this Technical Data Sheet represents current recommended application practice for QUALITEX SC-200 Sand Carpet. Actual performance may vary according to substrate condition, surface preparation, applied thickness, installation technique, environmental conditions, workmanship, curing and the selected primer and protection system.

Project-specific requirements should be evaluated and verified before full-scale application. QUALITEX reserves the right to modify product specifications as part of continuous product development.

### PRODUCT IDENTIFICATION

QUALITEX SC-200 | SAND CARPET | Pre-Mixed Decorative Resin-Bound Aggregate Flooring System | Net Weight: 20 kg