



Accredited Africa Training Institute for Capacity Development

Unit FO409, Hatfield Plaza · 1122 Burnett St, Hatfield 0028 · Pretoria, Gauteng · South Africa

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COURSE BROCHURE

Water Based Sealing For Hard And Resilient Floors Training

Services / Cleaning, Domestic, Hiring, Property and Rescue Services

Unit Standard 110476 · NQF Level 2 · 10 Credits · 7 Days

COURSE OVERVIEW

This course equips learners with the knowledge and practical skills to apply water-based sealers on hard and resilient floors, ensuring durable and aesthetically pleasing finishes. It covers surface preparation, application techniques, and safety protocols, enabling participants to achieve professional results in various flooring contexts.

Category	Services
Subfield	Cleaning, Domestic, Hiring, Property and Rescue Services
Unit Standard	110476
Accreditation	SAQA Accredited · NQF Level 2 · 10 Credits
Duration	7 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Identify different types of hard and resilient floors and their suitability for water-based sealing.
- Prepare floor surfaces correctly to ensure proper adhesion and long-lasting finish.
- Apply water-based sealers using appropriate tools and techniques for different floor types.
- Evaluate the quality of the sealed surface and troubleshoot common application issues.
- Implement safety and environmental procedures during sealing operations.

WHO SHOULD ATTEND

- This course is intended for floor installers, maintenance personnel, and contractors responsible for sealing hard and resilient floors in commercial, industrial, or residential settings.

COURSE OUTLINE

Day 1: Introduction to Water Based Sealing

- Overview of water based sealers vs solvent based
- Types of hard floors: concrete, terrazzo, stone, ceramic
- Types of resilient floors: vinyl, linoleum, rubber
- Health, safety, and environmental regulations (OHSA, COIDA)
- Personal protective equipment (PPE)
- Basic chemistry of water based sealers
- Factors affecting sealer performance
- Course outcomes and assessment criteria

Day 2: Floor Preparation and Substrate Assessment

- Substrate evaluation: hardness, porosity, contamination
- Moisture testing methods: calcium chloride, relative humidity
- pH testing and neutralisation
- Mechanical preparation: grinding, shot blasting, scarifying
- Chemical cleaning: degreasers, strippers
- Repairing cracks, holes, and uneven surfaces
- Dust control and containment
- Documentation of pre-treatment conditions

Day 3: Product Selection and Mixing

- Types of water based sealers: acrylic, polyurethane, epoxy
- Sealer characteristics: gloss level, durability, slip resistance
- Manufacturer specifications and technical data sheets
- Coverage rate calculations
- Mixing ratios and procedures
- Pot life, recoat times, and curing conditions
- Colour tinting and additives
- Quality control checks before application

Day 4: Application Techniques for Hard Floors

- Application tools: rollers, brushes, sprayers, squeegees
- Technique for concrete and stone floors
- Applying multiple coats
- Edge work and detail areas
- Avoiding common defects: bubbles, streaks, pinholes
- Temperature and humidity effects
- Drying times between coats
- Clean-up and maintenance of equipment

Day 5: Application Techniques for Resilient Floors

- Preparation specific to resilient floors: stripping old finishes
- Compatibility testing with existing coatings
- Application methods: mop-on, spray, microfibre
- Thin film vs thick film applications
- Slip resistance requirements (SANS 10085)

- Drying and curing for resilient substrates
- Recoating schedules
- Troubleshooting adhesion failures

Day 6: Quality Control and Defect Rectification

- Visual inspection criteria: gloss, colour, uniformity
- Adhesion testing: cross-hatch tape test
- Film thickness measurement
- Common defects: blushing, orange peel, fish eyes
- Rectification methods: light sanding, re-coating
- Touch-up techniques
- Reporting and record keeping
- Client handover procedures

Day 7: Integrated Application Project and Assessment

- Project planning: scope, materials, timeline
- Safety briefing and risk assessment
- Full application on hard and resilient floors
- Quality inspection and defect correction
- Final assessment: knowledge test and practical demonstration
- Feedback and improvement areas
- Certification requirements
- Course evaluation and next steps

ASSESSMENT & CERTIFICATION

Delegates are assessed through exercises and a final test. A mark of **50% or above** earns an **AATICD Certificate of Completion**, issued digitally with a unique verification code. This course carries **10 NQF credits** at **NQF Level 2**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 28,200.00	R 28,200.00
1	In-House	R 36,700.00	R 36,700.00
1	On-Campus (Pretoria)	R 42,300.00	R 42,300.00

UPCOMING SESSIONS

Start	End	Method	Venue
03 Aug 2026	11 Aug 2026	On-Campus	Cape Town, South Africa
04 Aug 2026	12 Aug 2026	On-Campus	Dubai, UAE
05 Aug 2026	13 Aug 2026	On-Campus	Pretoria, South Africa
05 Aug 2026	13 Aug 2026	On-Campus	Lagos, Nigeria
06 Aug 2026	14 Aug 2026	On-Campus	Johannesburg, South Africa
07 Aug 2026	17 Aug 2026	On-Campus	Mauritius
10 Aug 2026	18 Aug 2026	On-Campus	Dubai, UAE
11 Aug 2026	19 Aug 2026	On-Campus	Pretoria, South Africa

Contact us if no suitable date is listed – on-demand sessions can be arranged for groups.

HOW TO GET A QUOTE OR APPLY

1. **Get an instant quotation online:** visit www.aaticd.co.za, open the page for this course (Unit Standard 110476) and click **Get A Quote / Apply**. Select your training method and number of delegates – your quotation is generated immediately and emailed to you with the course brochure attached.
2. **Apply by email:** send the course title, your preferred training method (Online, In-House or On-Campus Pretoria), the number of delegates and your preferred dates to apply@aaticd.co.za – our team will reply with a formal quotation.
3. **Apply by phone or WhatsApp:** call **+27 12 004 8389** or WhatsApp **+27 65 077 6310** and we will prepare your quotation and reserve your seats.
4. **Confirm your booking:** accept the quotation and settle the invoice. As soon as payment is confirmed your delegates are enrolled and receive their AATICD LMS login details by email, along with joining instructions for their chosen training method.

Group discounts apply automatically – the more delegates you enrol, the lower the price per delegate. No payment is required to request a quotation.

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