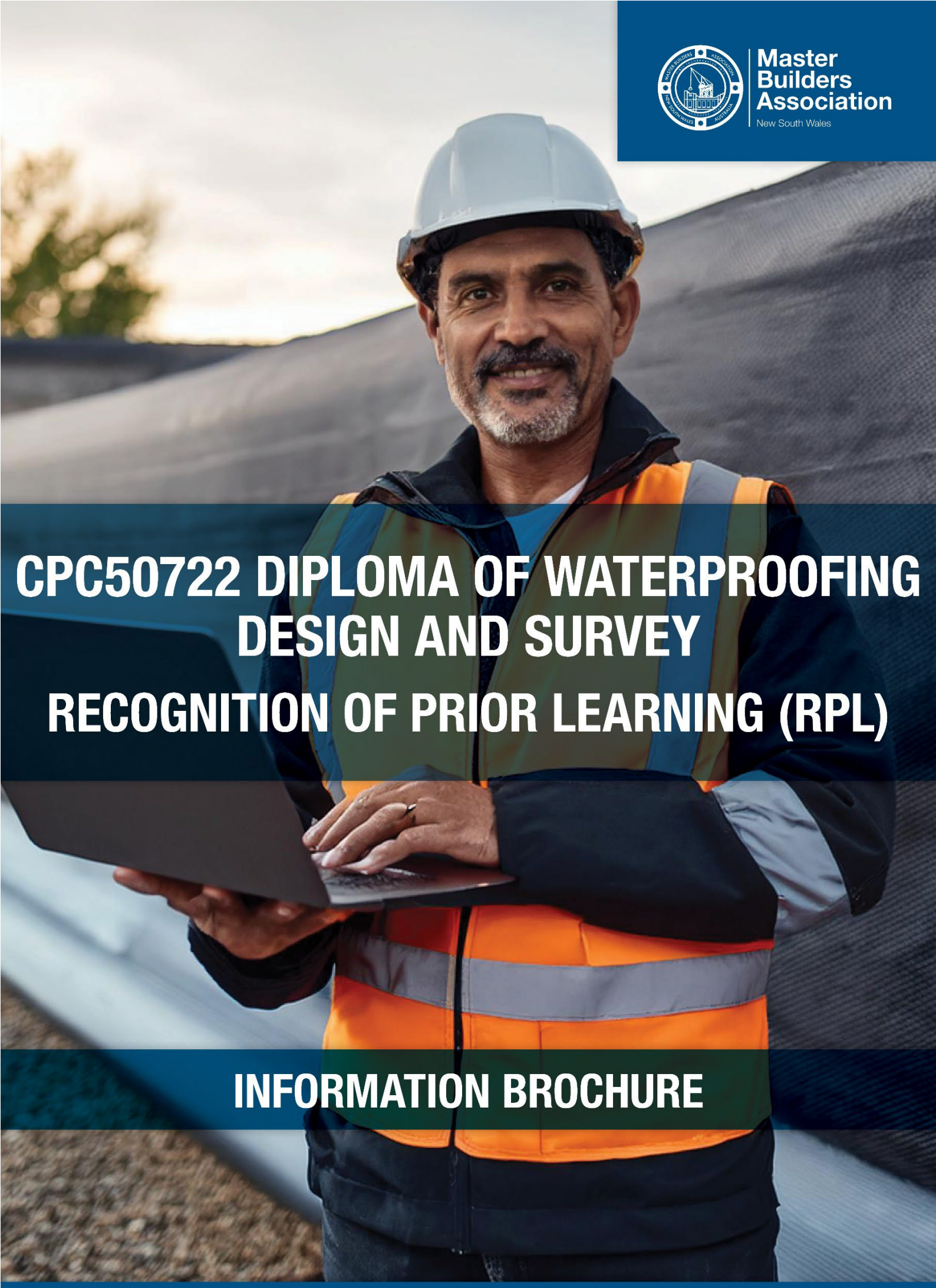

Master Builders Association
New South Wales

CPC50722 DIPLOMA OF WATERPROOFING DESIGN AND SURVEY

RECOGNITION OF PRIOR LEARNING (RPL)

INFORMATION BROCHURE

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OVERVIEW

Master Builders Association of NSW Pty Ltd (Master Builders) is a Registered Training Organisation offering nationally recognised qualifications and courses across New South Wales which meet national industry standards.

The **CPC50722 Diploma of Waterproofing Design and Survey** program offered by Master Builders is designed to formally recognise technical skills and knowledge already gained through industry related experience by a process called Recognition of Prior Learning.

This RPL program provides a qualification outcome in waterproofing design and survey, covering residential and commercial work. Upon successful completion you will achieve the qualification **CPC50722 Diploma of Waterproofing Design and Survey** or a Statement of Attainment for units deemed competent.

WHAT IS RPL?

Recognition of Prior Learning (RPL) is an assessment pathway that has been designed to acknowledge your full range of skills and knowledge, irrespective of how it has been acquired. This includes competencies gained through formal and informal study, work experience, employment and other life experiences.

Master Builders is committed to helping you get your experience recognised, irrespective of where and how your learning has taken place.

WHAT DO I NEED TO STUDY ONLINE?

This course includes online resources and assessments; therefore, it is essential that you have access to a modern computer, laptop or tablet that has an Operating System with internet access, Adobe Reader and a smart phone to assist in gathering evidence. You are required to have basic computer skills, including the ability to:

- Use Microsoft Office programs or similar
- Use internet to access information and research
- Use email and other communication tools
- Save documents and evidence in folders
- Download and upload assessment items

RPL INDUSTRY PROJECTS

The program is delivered in a flexible manner with a maximum enrolment period of 24 months, with an aim to complete the RPL portion within 12 months. It is possible to complete this course in a shorter timeframe if you hold a CPC40120 Certificate IV in Building and Construction.

The program is conducted online, via our online learning platform with interactive student support sessions should you require assistance or have questions. Sessions are accessed via the online portal.

ENTRY REQUIREMENTS

Master Builders applies the following entry requirements:

- Experience: Five (5) years full-time equivalent industry experience in a role that requires an in-depth understanding of waterproofing systems. This may include waterproofing designers, waterproofing consultants, remediation design practitioners, architects, engineers, waterproofing inspectors, technical staff of waterproofing suppliers and other relevant waterproofing technical design roles.

AND

- Reference: Details of one or more referees such as engineers, architects, certifiers, builder or other design practitioners who can confirm your waterproofing design history and experience, particularly on large commercial projects.
- Site Access: access to sites and a valid White Card (General Construction Induction Card)
- access to building projects up to three (3) storeys for;
  - Residential – NCC Class 1 and 10 buildings, and
  - Commercial – NCC Class 2 to 9, Type C and B construction
- Entry Quiz: achieve at least 80% during the application process
- Computer Literacy: advanced computer skills and access to relevant technology
- Resources: own tools, equipment and resources to be able to undertake RPL practical projects.

SCOPE OF THE ROLE

This qualification requires an understanding of compliance requirements for waterproofing in both residential and commercial settings, including traditional, new and emerging construction methods and materials to ensure compliance.

The waterproofing design projects you will be required to provide workplace evidence for will mostly be in a commercial setting, therefore suitability for this program is only for those who have previously undertaken surveys and designed scope of works for large projects.

The activities undertaken must include:

- conducting waterproofing inspections
  - at point of construction
  - on existing building to identify issues and remediation requirements
- designing waterproofing for new construction
- designing remedial waterproofing solutions for existing buildings.

It includes working in collaboration with specialist consultants to assess and verify that proposed and actual building works are compliant to ensure the safety of building occupants in support of principal designer and principal certifier.

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Participants are expected to dedicate 10-15 hours per week. Assessments must be submitted in a timely manner so that feedback can be provided as you progress through your program.

To achieve the **CPC50722 Diploma of Waterproofing Design and Survey**, you will need to successfully complete all subjects.

You are required to complete all online evidence required and all assessments within the required timeframe or move to online gap training.

RESOURCES REQUIREMENTS

This program will require you to have access to at least the below items:

- Computer with internet access, Adobe Reader and Microsoft programs to access:
  - Online learning materials & courseware
  - Assessment materials
  - Online, interactive tutorial sessions

You must also be currently working in the building and construction industry and have access to company policies and procedures and any standard forms / contracts used in building and construction.

Resources you will require include:

- NCC and relevant Australian Standards
- Australian Standards related to waterproofing
- Medium rise project plans and specifications for both residential and commercial projects, including waterproofing related specifications.

Other resources recommended are the Waterproofing Guides published by Master Builders Australia Waterproofing Council (NSW) Guides, including:

1. Internal wet area waterproofing
2. Balcony decks waterproofing
3. Planter box waterproofing
4. Flashings and damp-proof courses

The Waterproofing Guides are at an additional cost.

RPL ASSESSMENT METHOD

You will be required to complete your assessment activities online, including sections for:

- Knowledge questions
- Practical projects

The knowledge questions are a series of questions designed to assess understanding of tasks and processes within the construction industry.

A portfolio of evidence is to be collected for building projects outlined in your assessment.

You will be required to provide evidence that meets the requirements of the units for at least two medium rise building and construction projects. Sample design project evidence you will be required to provide includes:

- Site safety inspection and SWMS
- Hospitals
- Apartment buildings
- Multi-level balconies and decks
- Roof top podiums
- Below ground car parks, garages
- Below ground structures with lift pits

Evidence must also include detailed reports, including:

- Diagnosis and Evidence Reports
- Detailed drawings and sketches of waterproofing designs
- Compliance Reports
- Risk Assessments
- Scope of Works
- Survey Reports
- Email communication with stakeholders

Once your assessment has been submitted, your trainer / assessor will enter feedback and your results online. You will be notified by email accordingly.

FEES AND SUBSIDES

Additional fees apply where you do not already hold qualification CPC40120 Certificate IV in Building and Construction due to Credit Transfers applicable.

A general guide to fees for this qualification pathway is:

Diploma of Waterproofing Design and Survey - RPL	
Master Builders Member Rate	$3,950
Non-Member Rate	$4,250

MBA does not accept more than $1,500 in advance of service being provided. Please refer to the website.

Please provide us with prior training transcripts. If you have credit for equivalent units of competency your fee may be adjusted.

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RPL STRUCTURE

In order to successfully achieve the **CPC50722 Diploma of Waterproofing Design and Survey**, participants must be assessed as competent in sixteen (16) units of competency. The units of competency offered by Master Builders are:

CODE	UNITS OF COMPETENCY TITLE
BSBAUD513	Report on quality audits
CPCCBC4003	Select, prepare and administer a construction contract
CPCCBC4012	Read and interpret plans and specifications
CPCCBC4014	Prepare simple building sketches and drawings
CPCCWP5001	Design below ground waterproofing
CPCCWP5002	Design external above ground waterproofing
CPCCWP5003	Design waterproofing to internal wet areas
CPCCWP5004*	Determine origin of water and moisture ingress into buildings
CPCCWP5005*	Prepare a scope of works for remedial waterproofing
CPCCWP5006	Survey waterproofing systems
CPPBDN5110	Inspect and assess sites to inform the design process
Participants are also required to undertake five (5) elective units:	
CPCCBC4001	Apply building codes and standards to the construction process for Class 1 and 10 buildings
CPCCBC4053	Apply building codes and standards to the construction process for Class 2 to 9, Type C buildings
CPCCBC4024	Resolve business disputes
CPCCBC4008	Supervise site communication and administration processes for building and construction projects
CPCWHS1001	Prepare to work safely in the construction industry

Note:

Please provide us with a copy of your Qualifications, Statements of Attainment and Transcripts upon enrolment to determine your eligibility for Credit Transfer.

Where you already hold qualification CPC30420 Certificate III in Construction Waterproofing, the only elective units that are eligible for Credit Transfer are:

CPCCWHS2001	Apply WHS requirements, policies and procedures in the construction industry
CPCCWP3005*	Assess construction waterproofing processes