

# QUIZ: What's in a can of paint?



NEW ZEALAND INSTITUTE OF  
**ARCHITECTS**  
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**PLEASE NOTE:** For NZIA CPD points this quiz is required to be completed online.  
Log into the CPD website, you will be prompted to answer the quiz.

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Please complete and return to:  
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Yes / No

*Please circle the correct answer*

1. YES / NO Solventborne paints tend to oxidise and get brittle over time, which may lead to cracking in exterior applications or to chipping for interior applications.
2. YES / NO All alkyd enamel paints will yellow unless exposed to some level of UV light.
3. YES / NO Coalescing solvent is added to improve the flow of waterborne paints.
4. YES / NO As long as waterborne paints are applied two hours before it rains there will never be any problems of blistering or lack of coalescing.
5. YES / NO Inorganic pigments are easier to make paints from and have better hiding power than organic pigments.

**Multi choice**

*Please circle the correct answer*

6. The liquid portion of a latex paint is composed of what?
  - A. Mineral spirits, glycol and pigment.
  - B. Water, mould and vinyl acetate.
  - C. Water, glycols, coalescing agents, surfactants.
  - D. Water, acrylic and titanium dioxide.
  
7. Generally speaking, solventborne paints are \_\_\_\_\_ than latex paints.
  - A. Thicker.
  - B. Thinner.
  - C. About the same.
  - D. Depends of the type of solvents used.
  
8. All coloured paints are made up of which components?
  - A. Binders and liquid solvents.
  - B. Water, solvents and binders.
  - C. Solvents, mineral spirits and pigments.
  - D. Solids composed of pigment, binder and additives; liquid components.
  
9. One advantage flat wall paint has over paint with a higher sheen is?
  - A. Hides wall imperfections better.
  - B. Has more washability.
  - C. Reflects more light.
  - D. Has better coverage
  
10. Which base paint should be used for masonry surfaces?
  - A. Alkyd.
  - B. Acrylic.
  - C. Both Alkyd & Acrylic are equally suitable.
  - D. Neither are suitable
  
11. Which of the following could happen if a paint was thinned with the wrong solvent?
  - A. The paint will dry flat.
  - B. The paint will gel in the spray gun.
  - C. The paint will dry with a bubbly finish.
  - D. All of the above.
  
12. Which of the following is not correct?
  - A. 1 micrometer (1 $\mu$ m) is 1 millionth of a metre.
  - B. There are 1000 $\mu$ m in a millimetre.
  - C. There are 25 $\mu$ m in 1 thou (1 thousandth of an inch).
  - D. There are 25 $\mu$ m in a millimetre.



