

QUIZ: Volume solids, PVC and hiding power



NEW ZEALAND INSTITUTE OF
ARCHITECTS
INCORPORATED
APPROVED CPD PROVIDER

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.

Name:	
ADNZ # (NZIA see note above):	
Business name:	
Business postal address:	
Phone:	
Email:	

Please complete and return to:
By POST: Resene Marketing, PO Box 38242,
Wellington Mail Centre, Lower Hutt 5045
By EMAIL: update@resene.co.nz

Yes / No

Please circle the correct answer

1. YES / NO The volume solids of a paint can easily be assessed by how thick the paint is.
2. YES / NO As the PVC of paint increases the paint becomes lower in gloss.
3. YES / NO Dirty coloured pigments usually give much better hiding power than clean, bright coloured pigments.
4. YES / NO Pigments with a low refractive index have very low hiding power.
5. YES / NO If you place water onto a small pile of salt the hiding power of the salt is increased.

Multi choice

Please circle the correct answer

6. The volume solids of a typical flat paint such as Resene Zylone 20 is:
 - A. 55-65%.
 - B. 35-45%.
 - C. 25-35%.
 - D. 45-55%.

7. When the volume solids of a paint is too high:
 - A. The paint becomes difficult to apply.
 - B. Wet edge time will be very short.
 - C. Painters are likely to thin the paint and lose the benefits of higher solids.
 - D. All of the above.

8. The PVC of a typical gloss acrylic white paint such as Resene Hi-Glo is between:
 - A. 10-20%.
 - B. 30-40%.
 - C. Above 40%.
 - D. Depends on the volume solids of the paint.

9. The PVC of a typical flat white paint such as Resene Zylone 20 is between:
 - A. 10-20%.
 - B. 30-40%.
 - C. 40-50%.
 - D. 50-60%.

10. Quality paint generally has more _____ than lower quality paint.
 - A. Binders.
 - B. Solids.
 - C. Pigments.
 - D. All of the above.

11. Thinning a paint can result in the following problems:
 - A. The paint will not be able to be applied at specified spreading rates.
 - B. The paint may tend to sag.
 - C. Lower durability will result because film builds will be cut by about one third.
 - D. All of the above.

12. Hiding power of white paints is obtained by:
 - A. Light being scattered by pigments like it is with a prism.
 - B. Light being absorbed by pigments.
 - C. The high content of extender pigments.
 - D. The binder actually absorbs most of the light.

