



A Step Ahead...

# QUAKER COLOR

**DIVISION OF McADOO & ALLEN, INC.**

201 S. HELLERTOWN AVENUE P.O. BOX 219  
QUAKERTOWN, PENNSYLVANIA 18951-0219  
(215) 536-3520 FAX (215) 536-6464  
[www.quakercolor.com](http://www.quakercolor.com)

## Technical Data Sheet

Product Code: PR-1490

### DESCRIPTION

PR-1490 is a medium hard, NMP free, high performance aliphatic polyester polyurethane dispersion. PR-1490 can be crosslinked with carbodiimide and/or isocyanate to further improve properties.

### APPLICATIONS

- Industrial and Architectural flooring, metal structures

### FEATURES

- Tough Flexible Films
- Excellent Mar and Scuff Resistance
- Good Water Resistance
- Excellent Solvent Resistance
- Resistance to Cleaning Agents

### PROPERTIES

Percent Solids, weight	37
Specific Gravity, 25°C	1.01
pH, typical value	8.0 – 9.0
Total VOC, g/L	60
VOC without H <sub>2</sub> O, g/L	160
Viscosity, cps, average	75
Tensile Strength, psi	5800
Modulus (100%), psi	800
Elongation, %	600

### STORAGE

Store in a cool, dry place, preferably less than 80°F, to ensure a useful shelf life of eighteen months. Protect from freezing.

Quaker Color manufactures all its products under carefully controlled conditions to meet rigid specifications. The values given in this publication are typical values intended as guidelines for the use of the products, they are not specifications. It is the user's responsibility to thoroughly test the product in their particular application to determine its performance, efficacy and safety. Should you require the actual specifications currently enforced on specific products contact your Quaker Color representative for the appropriate information.