The Absorbency of Micro-Denier Textiles, And other Standard Absorbent Materials

**INTRODUCTION:**
When responding to an emergency water damage, conservators may ask themselves:
- Local office cleaning companies are full of claims as to their effectiveness, including:
  - Manufacturers websites are full of claims as to their effectiveness, including:
  - Microdenier fabrics outperformed the standard denier fabrics flannel sheets.

**APPLICATION TO PRACTICE:**
The instance of the study is to determine the performance and conservation practice regarding the use of various microdenier fabrics and standard denier fabrics in emergency situations for the removal of water, soot and assorted debris from the surface of fragile artifacts. The absorbency rate of the selected microdenier fabrics was measured in two ways:

1. **Vertical Wicking Test**
   - The absorbency rate of the selected microdenier fabrics was measured in two ways:
   - Vertical wicking test: This method is an industry standard developed in the early 1980s and used for most of the last century, for commercial clients of DLI worldwide.

2. **Absorbency Test #2**: The absorbency test was conducted in the lab using traditional methods of measuring absorption.

**RESULTS:**
- The absorbency of microdenier fabrics outperformed the standard denier fabrics in terms of moisture uptake, as measured by both immersion absorption and wicking capability.
- The absorbency rate of the selected microdenier fabrics was measured in two ways:
  - Vertical wicking test: This method is an industry standard developed in the early 1980s and used for most of the last century, for commercial clients of DLI worldwide.

**METHODOLOGY:**
- The absorbency rate of the selected microdenier fabrics was measured in two ways:
  - Vertical wicking test: This method is an industry standard developed in the early 1980s and used for most of the last century, for commercial clients of DLI worldwide.

**CONCLUSIONS:**
- The absorbency rate of the selected microdenier fabrics was measured in two ways:
  - Vertical wicking test: This method is an industry standard developed in the early 1980s and used for most of the last century, for commercial clients of DLI worldwide.

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**REFERENCES:**

**FUTURE STUDY:**
This research is intended as an initial study to facilitate future evaluations of the absorbency of microdenier fabrics when removing varying types from fragile artifacts surfaces. This information can be used by a professional to assist with the decision-making process when selecting appropriate conservation tools and materials.