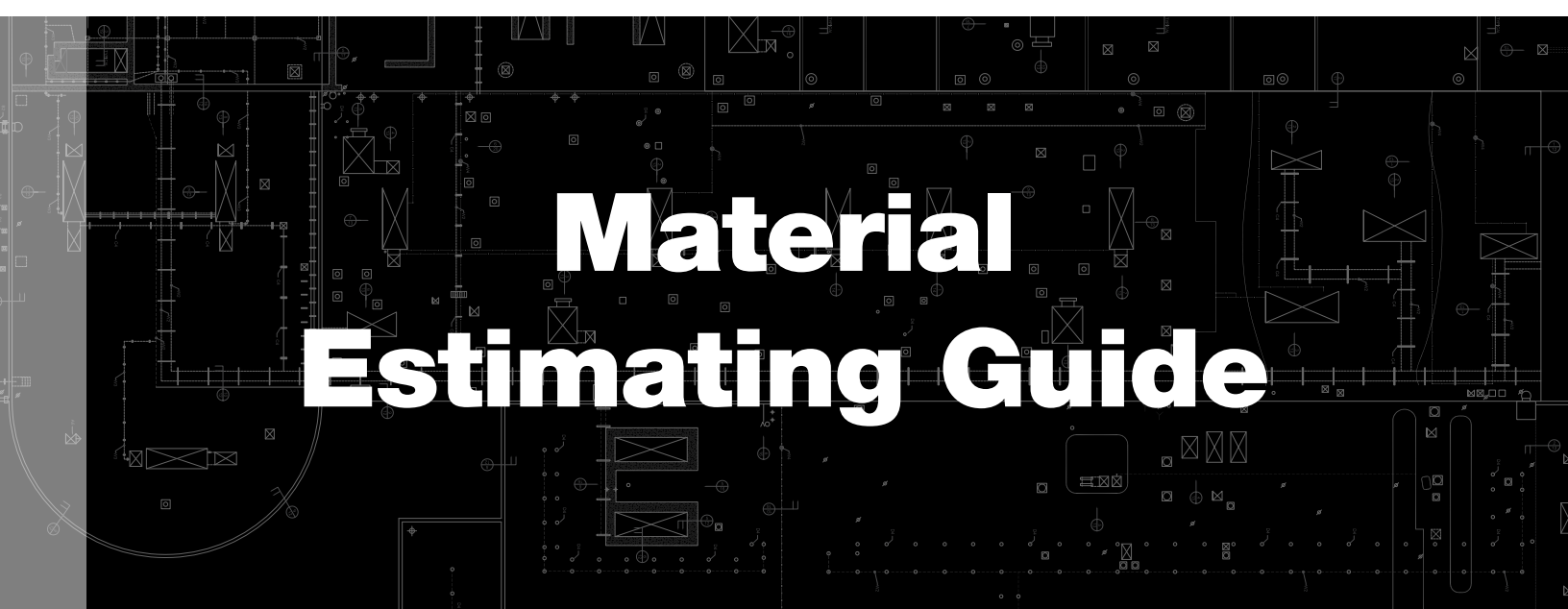
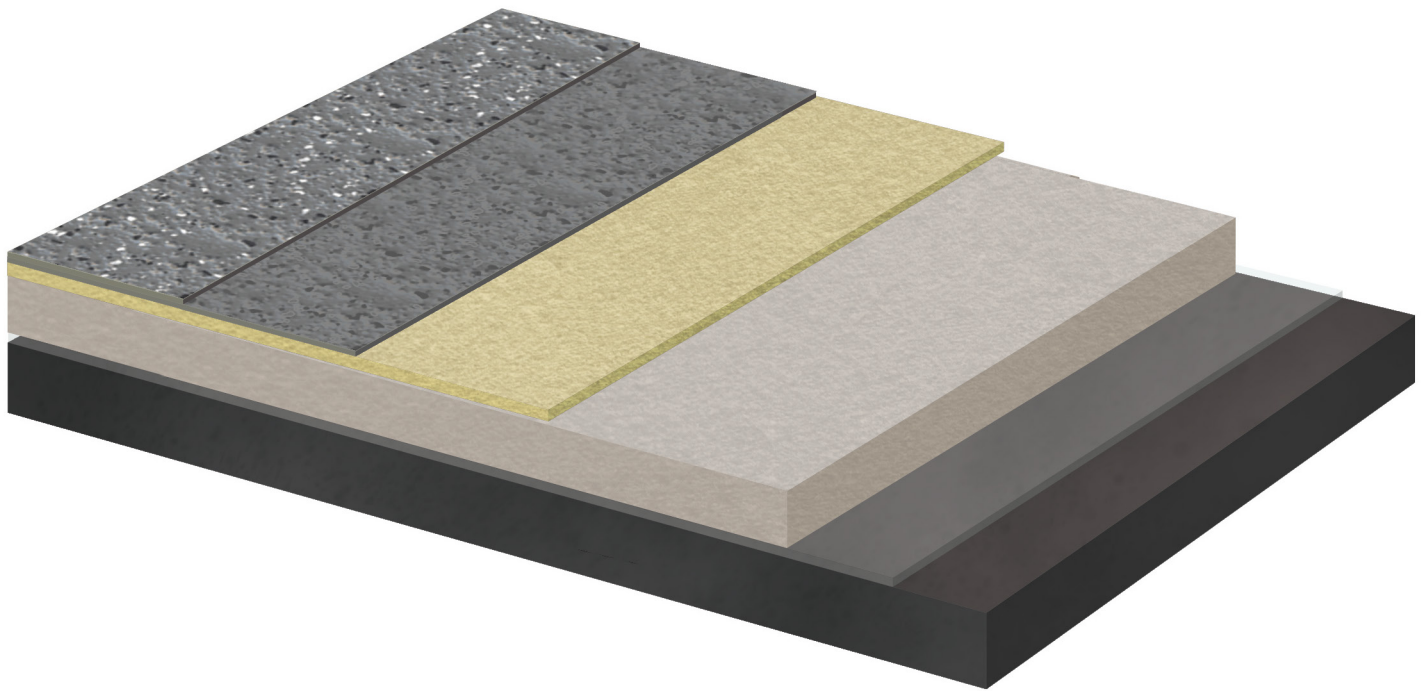


# **Terapro Waterproofing & Surfacing System (unreinforced)**

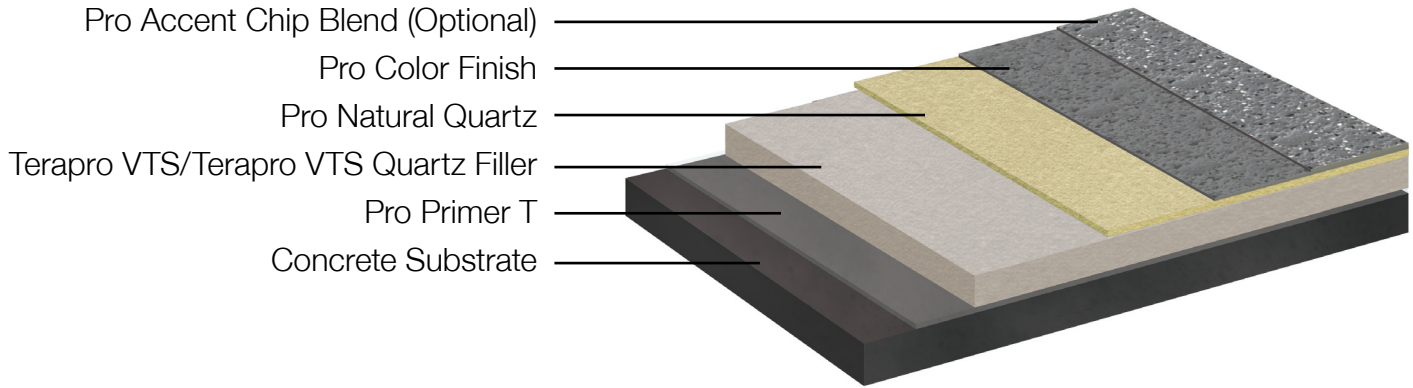
**Pro Natural Quartz / Pro Color Finish Surfacing**

A detailed architectural floor plan or technical drawing serves as the background for the lower half of the page. It features various geometric shapes, lines, and symbols typical of a construction blueprint, including walls, doors, windows, and utility lines.

## **Material Estimating Guide**



# Terapro Unreinforced – Unoccupied/Unconditioned Space



## FIELD MEMBRANE

|                                                                                                                                                                                                                                                              | area to be covered (sf) | s/f coverage per unit | # of units needed | waste factor* | total # of units | Pro Catalyst Liquid (cups) (see catalyst chart) |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|-----------------------|-------------------|---------------|------------------|-------------------------------------------------|
| <b>Primer Layer (concrete substrate)</b><br>Pro Primer T (10–kg pail)<br>Consumption (min): 0.037 kg/sf<br>Coverage (min): 270 sf/pail                                                                                                                       | ÷                       | 270                   | =                 | +             | =                | Pails<br>Cups                                   |
| <b>Waterproofing/Wearing Layer</b><br><br>Terapro VTS Resin (10–kg pail)<br>Consumption (min): 0.14 kg/sf<br>Coverage (min): 71 sf/pail<br><br>Terapro VTS Quartz Filler (50 lbs bag)<br>Coverage (min): 71 sf/pail                                          | ÷                       | 71                    | =                 | +             | =                | Pails<br>Cups<br>Bags<br>n/a                    |
| <b>Surfacing Aggregate</b><br>Pro Natural Quartz (50 lbs bag)<br>Consumption (min): 1 lb/sf<br>Coverage: 50 sf                                                                                                                                               | ÷                       | 50                    | =                 | +             | =                | Bags<br>n/a                                     |
| <b>Finish Layer</b><br>Pro Color Finish (10–kg pail)<br><br>Consumption w/o Pro Accent Chips (min): 0.06 kg/sf<br>Coverage w/o Pro Accent Chips: 166 sf<br><br>Consumption with Pro Accent Chips (min): 0.07 kg/sf<br>Coverage with Pro Accent Chips: 144 sf | ÷                       | 166                   | =                 | +             | =                | Pails<br>Cups<br>Pails<br>Cups                  |
| <b>Surfacing Chip (optional)**</b><br>Pro Accent Chips (5–kg box)<br>Consumption (min): 0.01 kg/sf<br>Coverage: 500 sf                                                                                                                                       | ÷                       | 500                   | =                 | +             | =                | Boxes<br>n/a                                    |
| ** Pro Accent Chip consumption/coverage rate will vary depending upon the desired aesthetic.                                                                                                                                                                 |                         |                       |                   |               |                  |                                                 |

## CATALYST FOR FLASHING & FIELD

|                            | total # of<br>cups above |   | cups per<br>container |   | total # of units                |
|----------------------------|--------------------------|---|-----------------------|---|---------------------------------|
| Pro Catalyst Liquid        |                          | ÷ | 10                    | = |                                 |
| 2.5 kg container (10 cups) |                          |   |                       |   | <u>          </u><br>Containers |

## WASTE AND OVERAGE FACTORS

| RESIN TYPE                      | 4" COVER | 9" COVER | 18" COVER |
|---------------------------------|----------|----------|-----------|
| Pro Primer/Pro Color            | 0.1 kg   | 0.55 kg  | 1.1 kg    |
| Terapro Flashing and Base Resin | 0.1 kg   | 0.75 kg  | 1.5 kg    |

## LAP TREATMENT OVERAGE FACTORS (avg. overage per fleece roll width in %)

| PRODUCT                         | 12" | 41"  |
|---------------------------------|-----|------|
| Terapro Flashing and Base Resin | 12% | 3.5% |
| Pro Fleece                      | 17% | 5%   |

\* Coverage quantities are based upon minimum weight and coverage requirements. The above estimates do not include provisions for crack/joint treatment, detailing, rough absorbent surfaces, or waste (including material required for saturation of disposable roller covers and fleece overlaps).

\* To ensure that an adequate quantity of material is purchased for a project, a waste factor should be included in all estimates. The contractor is best qualified to determine actual waste factors.

# Pro Catalyst Liquid Mixing Charts

### Pro Catalyst Liquid Mixing Chart Pro Primer T and Pro Primer W

| Resin Quantity    | Ambient Temperature<br>77°F to 95°F (25°C to 35°C) |      | Ambient Temperature<br>41°F to 77°F (5°C to 25°C) |      | Ambient Temperature<br>32°F to 41°F (0°C to 5°C) |      |
|-------------------|----------------------------------------------------|------|---------------------------------------------------|------|--------------------------------------------------|------|
|                   | tablespoons                                        | cups | tablespoons                                       | cups | tablespoons                                      | cups |
| 1 kg (1 liter)    | 2                                                  | n/a  | 4                                                 | n/a  | 6                                                | n/a  |
| 10 kg (10 liters) | n/a                                                | 1    | n/a                                               | 2    | n/a                                              | 3    |

Substrate temperature range for application of Pro Primers is 32°F to 95°F (0°C to 35°C).

### Pro Catalyst Liquid Mixing Chart Pro Color Finish

| Resin Quantity    | Ambient Temperature<br>59°F to 95°F (15°C to 35°C) |      | Ambient Temperature<br>41°F to 59°F (5°C to 15°C) |      | Ambient Temperature<br>32°F to 41°F (0°C to 5°C) |      |
|-------------------|----------------------------------------------------|------|---------------------------------------------------|------|--------------------------------------------------|------|
|                   | Tablespoons                                        | Cups | Tablespoons                                       | Cups | Tablespoons                                      | Cups |
| 1 kg (1 liter)    | 2                                                  | n/a  | 4                                                 | n/a  | 6                                                | n/a  |
| 10 kg (10 liters) | n/a                                                | 1    | n/a                                               | 2    | n/a                                              | 3    |

Substrate temperature range for application of Pro Color Finish is 32°F to 95°F (0°C to 35°C).

| <b>Pro Catalyst Liquid Mixing Chart</b><br><b>Summer Grade</b><br><b>Terapro Base Resin and Terapro Flashing Resin</b>      |                                                     |      |                                                    |      |
|-----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|------|----------------------------------------------------|------|
| Resin Quantity                                                                                                              | Ambient Temperature<br>68°F to 104°F (20°C to 40°C) |      | Ambient Temperature<br>59°F to 68°F (15°C to 20°C) |      |
|                                                                                                                             | tablespoons                                         | cups | tablespoons                                        | cups |
| 1 kg (0.72 liter)                                                                                                           | 2                                                   | n/a  | 4                                                  | n/a  |
| 10 kg (7.2 liters)                                                                                                          | n/a                                                 | 1    | n/a                                                | 2    |
| Substrate temperature range for application of Summer Grade Terapro Base & Flashing Resins is 59°F to 122°F (15°C to 50°C). |                                                     |      |                                                    |      |

| <b>Pro Catalyst Liquid Mixing Chart</b><br><b>Winter Grade</b><br><b>Terapro Base Resin and Terapro Flashing Resin</b>     |                                                    |      |                                                   |      |                                                   |      |
|----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|------|---------------------------------------------------|------|---------------------------------------------------|------|
| Resin Quantity                                                                                                             | Ambient Temperature<br>59°F to 68°F (15°C to 20°C) |      | Ambient Temperature<br>41°F to 59°F (5°C to 15°C) |      | Ambient Temperature<br>23°F to 41°F (-5°C to 5°C) |      |
|                                                                                                                            | tablespoons                                        | cups | tablespoons                                       | cups | tablespoons                                       | cups |
| 1 kg (0.72 liter)                                                                                                          | 2                                                  | n/a  | 4                                                 | n/a  | 6                                                 | n/a  |
| 10 kg (7.2 liters)                                                                                                         | n/a                                                | 1    | n/a                                               | 2    | n/a                                               | 3    |
| Substrate temperature range for application of Winter Grade Terapro Base & Flashing Resins is 23°F to 77°F (-5°C to 25°C). |                                                    |      |                                                   |      |                                                   |      |

| <b>Pro Catalyst Liquid Mixing Chart</b><br><b>Terapro VTS Resin/Filler (full batch with 10 kg of VTS Resin and full bag of VTS Filler)</b> |  |                                                   |                                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------|--------------------------------------------------|
| Ambient Temperature<br>77°F to 95°F (25°C to 35°C)                                                                                         |  | Ambient Temperature<br>41°F to 77°F (5°C to 25°C) | Ambient Temperature<br>32°F to 41°F (0°C to 5°C) |
| 1 cup                                                                                                                                      |  | 2 cups                                            | 3 cups                                           |
| Substrate temperature range for application of Terapro VTS Resin is 32°F to 122°F (0°C to 50°C).                                           |  |                                                   |                                                  |

| <b>Pro Catalyst Liquid Mixing Chart</b><br><b>Pro Paste Resin</b>                              |                                                    |      |                                                   |      |                                                  |      |
|------------------------------------------------------------------------------------------------|----------------------------------------------------|------|---------------------------------------------------|------|--------------------------------------------------|------|
| Resin Quantity                                                                                 | Ambient Temperature<br>77°F to 95°F (25°C to 35°C) |      | Ambient Temperature<br>41°F to 77°F (5°C to 25°C) |      | Ambient Temperature<br>32°F to 41°F (0°C to 5°C) |      |
|                                                                                                | Tablespoons                                        | Cups | Tablespoons                                       | Cups | Tablespoons                                      | Cups |
| 1 kg (0.72 liter)                                                                              | 2                                                  | n/a  | 4                                                 | n/a  | 6                                                | n/a  |
| Substrate temperature range for application of Pro Paste Resin is 32°F to 122°F (0°C to 50°C). |                                                    |      |                                                   |      |                                                  |      |

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