Table 41.1. Summary of treatment results.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Treatment** | | | | |  | **Results: visual appearance of crack in raking light  (time after treatment)** | | | | |
|  |
|  | **No.** | **Size** | **Reinforcement** | **Adhesive** |  | **Painting slack (70 days)** |  | **Painting slack (21 years)** | **Painting taut (21 years)** | **Images (21 years)** |
| **Moisture and heat** | 1 | Moisture, heat + flattening alone. No size, no reinforcement, no adhesive | | |  | Initially 1/2 height; in a few days, approached before-treatment height with more gradual slope; at 2 months, original steeper slope reappeared: crack profile narrowed + aperture opened |  | Crack has the appearance of an untreated crack | Crack has the appearance of an untreated crack; cupping height lower than in slack painting | [**Fig. 41.7**](file:///Users/rbarth/Desktop/Finalized%20files-Conserving-Canvas--72122-to%20prep%20for%20TR/41-Hough%20Michalski/fig-41-7) |
| **Plates, for reference** | 2 | — | Acrylic, 3.2 mm | Epoxy |  | Crack appeared flat; plate perimeter surfaced |  | Same as 70 days after treatment | NA—not keyed out | [**Fig. 41.7**](file:///Users/rbarth/Desktop/Finalized%20files-Conserving-Canvas--72122-to%20prep%20for%20TR/41-Hough%20Michalski/fig-41-7) |
| 3 | — | Epoxy/aluminum foil, 0.3 mm | Beva 371 film |  | Crack appeared flat; plate perimeter surfaced |  | Crack has slightly raised; surfacing still present | NA—not keyed out | [**Fig. 41.7**](file:///Users/rbarth/Desktop/Finalized%20files-Conserving-Canvas--72122-to%20prep%20for%20TR/41-Hough%20Michalski/fig-41-7) |
| **Strips** | 4 | — | Stainless steel strips | Beva 371 film |  | Crack slightly raised |  | Crack raised slightly higher; no surfacing | Same as for slack painting | **Figs.** [**41.4**](file:///Users/rbarth/Desktop/Finalized%20files-Conserving-Canvas--72122-to%20prep%20for%20TR/41-Hough%20Michalski/fig-41-4), [**41.6**](file:///Users/rbarth/Desktop/Finalized%20files-Conserving-Canvas--72122-to%20prep%20for%20TR/41-Hough%20Michalski/fig-41-6), [**41.7**](file:///Users/rbarth/Desktop/Finalized%20files-Conserving-Canvas--72122-to%20prep%20for%20TR/41-Hough%20Michalski/fig-41-7) |
| 5 | — | Epoxy/glass filaments;  heat cured | Beva 371 film |  | Crack slightly raised |  | Crack still appears slightly raised; no surfacing | Crack remains slightly raised; however, now with surfacing due to bending of strips; gradual slope | Figs. [**41.4**](file:///Users/rbarth/Desktop/Finalized%20files-Conserving-Canvas--72122-to%20prep%20for%20TR/41-Hough%20Michalski/fig-41-4)**,** [**41.7**](file:///Users/rbarth/Desktop/Finalized%20files-Conserving-Canvas--72122-to%20prep%20for%20TR/41-Hough%20Michalski/fig-41-7) |
| 6 | — | Epoxy/polyester threads;  heat cured | Beva 371 film |  | Crack slightly to moderately raised; epoxy heat curing appears significant in stiffening compared to treatment 7 |  | Crack is moderately raised; no surfacing | Crack appears moderately to fully raised; surfacing is present | [**Fig. 41.7**](file:///Users/rbarth/Desktop/Finalized%20files-Conserving-Canvas--72122-to%20prep%20for%20TR/41-Hough%20Michalski/fig-41-7) |
| 7 | — | Epoxy/polyester threads;  room cured | Beva 371 film |  | Crack moderately raised |  | Crack is moderately raised, height higher; no surfacing | NA—not keyed out | [**Fig. 41.4**](file:///Users/rbarth/Desktop/Finalized%20files-Conserving-Canvas--72122-to%20prep%20for%20TR/41-Hough%20Michalski/fig-41-4) |
| 8 | — | Epoxy/polyester threads;  room cured | Threads applied wet |  | Crack slightly raised; epoxy flowed intermittently into crack for greater height control, resulting in stitched appearance |  | Crack moderately to fully raised; stitched appearance; no surfacing | Cupping height is lower than in slack painting; stitched appearance; surfacing is present | **Figs.** [**41.6**](file:///Users/rbarth/Desktop/Finalized%20files-Conserving-Canvas--72122-to%20prep%20for%20TR/41-Hough%20Michalski/fig-41-6)**,** [**41.7**](file:///Users/rbarth/Desktop/Finalized%20files-Conserving-Canvas--72122-to%20prep%20for%20TR/41-Hough%20Michalski/fig-41-7) |
| 9 | — | Jade 403/polyester threads | Threads applied wet |  | Initially 1/2 height; in a few days, approached before-treatment height with gradual slope; at 70 days, original steeper slope reappeared |  | Crack has appearance of an untreated crack; no surfacing | NA—not keyed out | [**Fig. 41.7**](file:///Users/rbarth/Desktop/Finalized%20files-Conserving-Canvas--72122-to%20prep%20for%20TR/41-Hough%20Michalski/fig-41-7) |
| **Size + strips** | 10 | Beva 371, heat | Epoxy/polyester threads;  heat cured | Beva 371 film |  | Crack was slightly raised; slight moating in sized area |  | Crack is slightly to moderately raised; strong moating, no surfacing | Crack approaches appearance of untreated; keying out removed appearance of moating; surfacing present | **Figs.** [**41.6**](file:///Users/rbarth/Desktop/Finalized%20files-Conserving-Canvas--72122-to%20prep%20for%20TR/41-Hough%20Michalski/fig-41-6)**,** [**41.7**](file:///Users/rbarth/Desktop/Finalized%20files-Conserving-Canvas--72122-to%20prep%20for%20TR/41-Hough%20Michalski/fig-41-7) |
| 11 | B-72, heat | Epoxy/polyester threads;  heat cured | Beva 371 film |  | Crack appeared moderately raised; strong moating in sized area |  | Crack is slightly to moderately raised; severe moating, no surfacing | Crack approaches appearance of untreated; slight moating is visible; surfacing present | [**Fig. 41.7**](file:///Users/rbarth/Desktop/Finalized%20files-Conserving-Canvas--72122-to%20prep%20for%20TR/41-Hough%20Michalski/fig-41-7) |
| **Size alone** | 12 | Beva 371, heat | — | — |  | Crack appeared slightly to moderately raised; sized area was moderately moated |  | Crack has appearance of untreated; slight moating is visible: no surfacing | Cupping height is lower than in slack painting; moating not apparent; no surfacing | [**Fig. 41.6**](file:///Users/rbarth/Desktop/Finalized%20files-Conserving-Canvas--72122-to%20prep%20for%20TR/41-Hough%20Michalski/fig-41-6) |
| 13 | B-72, heat | — | — |  | Crack appeared to be half of before-treatment height; sized area was severely moated |  | Crack has appearance of untreated; strong moating is visible; no surfacing | Cupping height is lower than in slack painting; moating is minimized; no surfacing | [**Fig. 41.4**](file:///Users/rbarth/Desktop/Finalized%20files-Conserving-Canvas--72122-to%20prep%20for%20TR/41-Hough%20Michalski/fig-41-4) |
| **Butt joint** | 14 | — | — | Epoxy butt joint |  | Crack appeared moderately raised |  | Crack appears moderately raised; no surfacing | Crack appears moderately raised; no surfacing | **Figs.** [**41.6**](file:///Users/rbarth/Desktop/Finalized%20files-Conserving-Canvas--72122-to%20prep%20for%20TR/41-Hough%20Michalski/fig-41-6)**,** [**41.7**](file:///Users/rbarth/Desktop/Finalized%20files-Conserving-Canvas--72122-to%20prep%20for%20TR/41-Hough%20Michalski/fig-41-7) |