Title
[Reform Movement Broadside]

Author
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DESCRIPTION:

General Remarks
This is a flat paper object owned by Hebrew Union College. It measures 45 x 28 cm (17.5 x 11 inches). It is a single-sided broadside, printed as propaganda for the Jewish reform movement. The broadside dates to 1810.

Binding
N/A

Textblock
N/A

Primary Support
The paper is a light beige handmade wove paper with deckled edges.

Medium
The broadside is printed in hebrew type in black ink.

Attachments | Inserts
There are no attached components.

Housing
The broadside is stored loose in an 18 x 15 inch beige folder.

CONDITION:

Summary
The broadside suffers from moderate signs of age and use. It is in fair condition.

Binding
N/A

Textblock
N/A

Primary Support
The paper has discolored from light beige to dark beige around the edges of the print. The broadside contains a vertical crease down the center and eight horizontal creases. The order in which the paper was folded appears to be first in half horizontally then in half vertically, followed by two more horizontal folds. The paper is heavily foxed around the edges, especially along the right side and the bottom edge. There are numerous small areas where the paper has worn away along the vertical crease and along the intersections of the folds. At these worn locations, there are varying sizes of paper loss ranging from 1 mm – 5 mm wide. The deckled edges are dog-eared, creased, and folded in many places. Overall, the paper is coated in surface dirt, however the verso of the print is most heavily soiled in the top right quadrant. The paper is extremely soft and absorbent.

Medium
The black printed ink is in excellent condition.

Housing
Custom

Housing Narrative
The folder is acid-free.

Attachments| Inserts
N/A

Previous Treatment
There is no evidence of prior treatment.

Materials Analysis
The black printed ink was tested for water solubility. A small 1mm droplet of filtered water was brushed in 3 inconspicuous areas throughout the print in a series of four tests. The black ink did not transfer during testing and was found to be negative for solubility in polar solvents.

**TREATMENT:**

Proposal
1. Photographically document the object using a DSLR camera before and after treatment.
2. Surface clean the front and back of the broadside to remove loose dirt.
3. Wash the print to remove degradation products within the paper and buffer the broadside with calcium carbonate for long term preservation.
4. Dry the print using flattening techniques to reduce creasing and unfold edges.
5. Size the broadside so the paper is less absorbent. This will better protect the object from surface dirt during handling.
6. Fill paper losses throughout the broadside.
7. Print a high quality archival translation of the broadside (translation provided by HUC).
8. Construct a matted system with a cover mat to house the broadside and printed translation. Float-mount the broadside with v-hinges. Attach a polyester sling to the verso of the window to protect the broadside when handled. Opposite to the broadside, mount the printed translation.

Housing Need
Custom

Factors Influencing Treatment
Because the broadside paper is extremely soft, adding a paper size such as methyl cellulose will improve overall strength of the object and protect it from absorbing surface dirt over time.

Performed Treatment
Treatment was conducted to reduce staining and creases on the broadside, as well as repair small tears, fill losses and reduce overall acidity within the paper.

1. Overall, the document was dry surface cleaned with an Absorbene smoke sponge and vinyl eraser crumbs. Areas where dirt was more ingrained were also surface cleaned with a vinyl eraser block.

2. To reduce yellow staining, creasing and acidity within the paper, the broadside was washed with several baths of filtered water at a pH of 7. Before the first bath, it was humidified in a cold humidity chamber. The final rinse bath was buffered with calcium hydroxide at a pH of 7.5. The broadside was dried flat under felts. Parts of the broadside that were folded around the edges were encouraged flat while wet.

3. Once the wet treatment was complete, small tears along the edges were mended with Japanese Tengujo tissue and Zen Shofu wheat starch paste. Small losses were filled with laminated Usu Mino kozo tissue and wheat starch past. The kozo tissue was previously toned to match the paper tone of the broadside with Golden Acrylics.

4. An archival high quality translation of the broadside (provided by Hebrew Union College Librarians) was printed on microchamber paper with a P7000 Epson pigmented ink jet printer.

**Housing Provided**

**Custom**

**Housing Narrative**

The broadside was housed in a matting system alongside the printed translation with Rising Museum rag board. The broadside was float-mounted with three Usu Mino tissue v-hinges and wheat starch paste. The printed translation was encapsulated and mounted with double-sided tape on the opposite side of the broadside, on the verso of the cover mat. The window mat contains a polyester sling to protect the object during handling.

**Storage Recommendations and Handling notes**

Take care to open the mat with the object facing up. The broadside is hinged to the back mat along the top edge and should not be removed during handling.

**PRODUCTION - WORK ASSIGNMENT AND TIME**

<table>
<thead>
<tr>
<th>Team Member</th>
<th>Time</th>
</tr>
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<tbody>
<tr>
<td>Jessica Ebert</td>
<td>185 minutes</td>
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<tr>
<td>Ashleigh Schieszer</td>
<td>160 minutes</td>
</tr>
<tr>
<td>Catarina Figueirinhas</td>
<td>435 minutes</td>
</tr>
<tr>
<td>Catarina Figueirinhas</td>
<td>150 minutes</td>
</tr>
</tbody>
</table>

**TOTAL Treatment and Documentation Time**

15.5 hours
notcat1183_D04N, printed translation is placed in L-sleeve adjacent to broadside

notcat1183_D02N, broadside is float mounted with v-hinges beneath a polyester sling

notcat1183_D05N, after treatment, opened matting system