


	Customer Bio Bric's		Date 24-11-2023	
	Project 2 vaten NOFMetalcoti	Reference 2 Vaten NOFmetalcoti	Revision 01	

## 1. Load unit descriptive data

- *Dimensions (mm):* 1140 x 60 x 1050
- *Weight (kg):* 450
- *Nature of the Products:* Drumclip
- *Description of Primary Pack:* 2 vaten
- *Description of Secondary Pack:* 2 straps Signode 1 hor. 1 ver.
- *Layer Stacking pattern:* 1 layers
- *Type of Pallet:* Client
- *Responsible of the description:* Dhr. Wouter Geldhof

	Customer Bio Bric's		Date 24-11-2023	
	Project 2 vaten NOFMetalcoti	Reference 2 Vaten NOFmetalcoti	Revision 01	

## 2. Test related data

### 2.1. Orientation of the test: Length

- *Date of Test:* 24/11/2023
- *Place:* Ghent Belgium
- *Rigidity (g):* 0.80G
- *Testing History:* passed the EUMOS40509 testing



*Load Before Test*



Customer  
Bio Bric's

Date  
24-11-2023

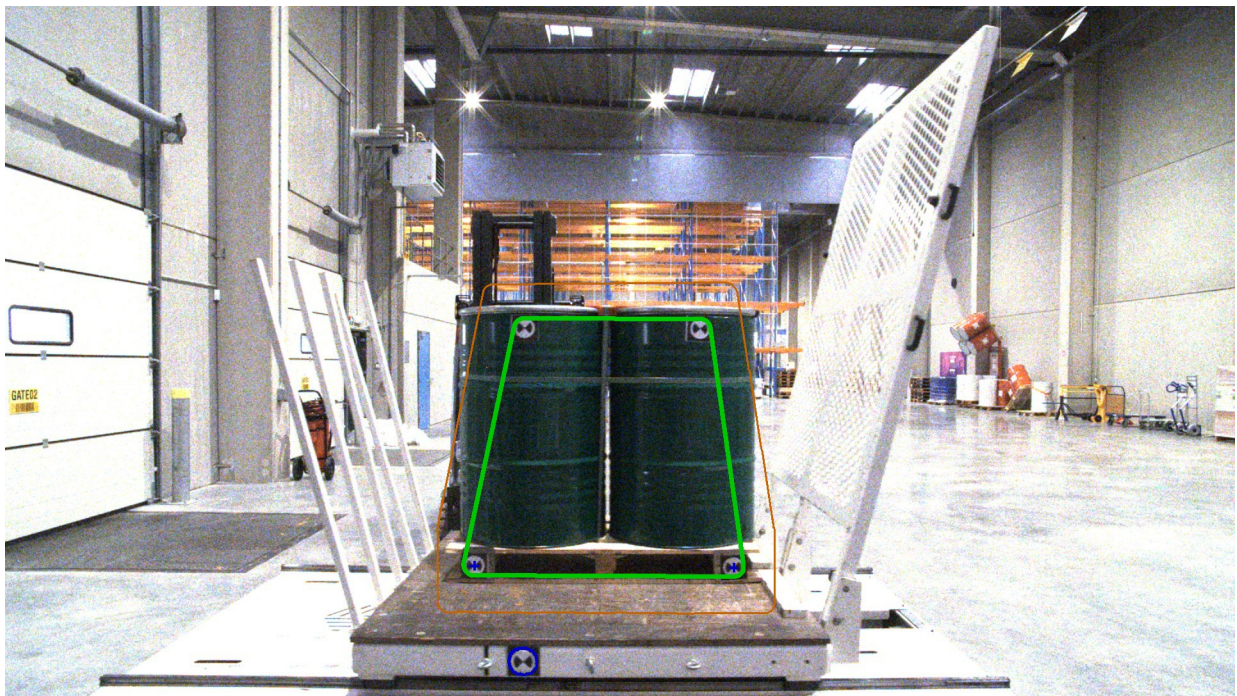
Project  
2 vaten  
NOFMetalcoti

Reference  
2 Vaten  
NOFmetalcoti



Revision  
01



*Permanent Deformation*





*Max Elastic Deformation*

	Customer Bio Bric's		Date 24-11-2023	
	Project 2 vaten NOFMetalcoti	Reference 2 Vaten NOFmetalcoti	Revision 01	

### 3. Test Validation

- *Temperature of the test area:* 21°
- *Humidity of the test area:* 60%
- *Responsible of Report:* Dhr. Geert Frans
- *Sign:*



	Customer Bio Bric's		Date 24-11-2023		
	Project 2 vaten NOFMetalcoti	Reference 2 Vaten NOFmetalcoti	Revision 01		

## 4. Annex



Date	24/11/2023	
Project/Customer	2 vaten NOFMetalcoti	
Load Reference	2 Vaten NOFmetalcoti	
Acceleration test	0.80G	
Load Height (mm)	1050	
Load Weight (kg)	450	
Test Method	CUSTOM	
Center Of Gravity	0	



  

Permanent		Elastic (10%)
h < 200 mm	h > 200 mm	
40 mm	60 mm	105 mm



*Figure 1. First Detected Frame*

	Customer Bio Bric's		Date 24-11-2023		
	Project 2 vaten NOFMetalcoti	Reference 2 Vaten NOFmetalcoti	Revision 01		



Permanent Deformation				
Frame	Time (mseconds)	Def (mm)	Def limit	Ok/Not OK
479	3976	0	60	OK



Figure 2. Permanent Deformation

Max/Over Elastic Deformation				
Frame	Time (mseconds)	Def (mm)	Def limit	Ok/Not OK
97	805	11	105	OK



Customer  
Bio Bric's

Date  
24-11-2023



Project  
2 vaten  
NOFMetalcoti

Reference  
2 Vaten  
NOFmetalcoti

Revision  
01

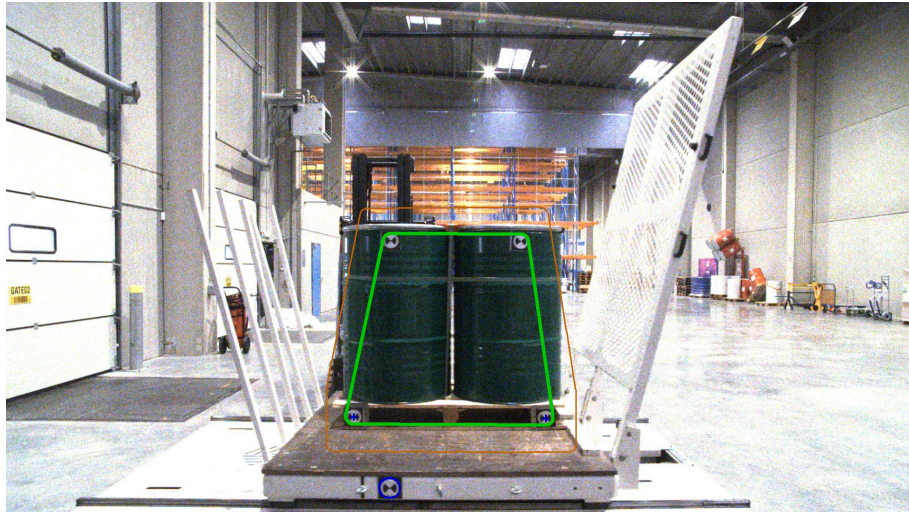


Figure 3. Maximum Elastic Deformation

Standard EUMOS 40509 - TEST REPORT



Customer  
Bio Bric's

Date  
24-11-2023



Project  
2 vaten  
NOFMetalcoti



Reference  
2 Vaten  
NOFmetalcoti

Revision  
01



List of Results				
Frame	Time (mseconds)	Def (mm)	Def limit	Ok/Not OK
0	0	0	105	OK
1	8	0	105	OK
2	17	0	105	OK
3	25	0	105	OK
4	33	0	105	OK
5	42	0	105	OK
6	50	0	105	OK
7	58	0	105	OK
8	66	0	105	OK
9	75	0	105	OK
10	83	0	105	OK
11	91	0	105	OK
12	100	0	105	OK
13	108	0	105	OK
14	116	0	105	OK
15	125	0	105	OK
16	133	0	105	OK
17	141	0	105	OK
18	149	0	105	OK
19	158	0	105	OK
20	166	0	105	OK
21	174	0	105	OK
22	183	0	105	OK
23	191	0	105	OK
24	199	0	105	OK
25	208	0	105	OK
26	216	0	105	OK
27	224	0	105	OK
28	232	0	105	OK
29	241	0	105	OK
30	249	0	105	OK
31	257	0	105	OK
32	266	0	105	OK
33	274	0	105	OK
34	282	0	105	OK
35	290	0	105	OK
36	299	0	105	OK
37	307	0	105	OK
38	315	0	105	OK
39	324	0	105	OK
40	332	0	105	OK
41	340	0	105	OK
42	349	0	105	OK
43	357	0	105	OK

## Standard EUMOS 40509 - TEST REPORT



	Customer Bio Bric's		Date 24-11-2023		
	Project 2 vaten NOFMetalcoti	Reference 2 Vaten NOFmetalcoti	Revision 01		



## List of Results

Frame	Time (mseconds)	Def (mm)	Def limit	Ok/Not OK
45	374	0	105	OK
46	382	0	105	OK
47	390	0	105	OK
48	398	0	105	OK
50	415	0	105	OK
51	423	0	105	OK
52	432	0	105	OK
54	448	0	105	OK
55	457	0	105	OK
56	465	0	105	OK
57	473	0	105	OK
58	481	2	105	OK
59	490	0	105	OK
60	498	2	105	OK
61	506	2	105	OK
62	515	2	105	OK
63	523	2	105	OK
64	531	2	105	OK
65	540	2	105	OK
66	548	2	105	OK
67	556	2	105	OK
68	564	4	105	OK
69	573	4	105	OK
70	581	4	105	OK
71	589	2	105	OK
72	598	4	105	OK
73	606	4	105	OK
74	614	4	105	OK
77	639	7	105	OK
79	656	7	105	OK
81	672	7	105	OK
82	681	4	105	OK
83	689	9	105	OK
84	697	7	105	OK
85	706	9	105	OK
87	722	7	105	OK
88	730	7	105	OK
89	739	7	105	OK
90	747	7	105	OK
91	755	9	105	OK
92	764	7	105	OK
93	772	7	105	OK
94	780	7	105	OK
95	789	7	105	OK

## Standard EUMOS 40509 - TEST REPORT



	Customer Bio Bric's		Date 24-11-2023		
	Project 2 vaten NOFMetalcoti	Reference 2 Vaten NOFmetalcoti	Revision 01		



## List of Results

Frame	Time (mseconds)	Def (mm)	Def limit	Ok/Not OK
97	805	11	105	OK
98	813	9	105	OK
99	822	7	105	OK
100	830	9	105	OK
101	838	9	105	OK
102	847	9	105	OK
103	855	9	105	OK
104	863	9	105	OK
105	872	9	105	OK
106	880	9	105	OK
107	888	9	105	OK
108	896	9	105	OK
109	905	9	105	OK
110	913	7	105	OK
111	921	7	105	OK
112	930	7	105	OK
113	938	7	105	OK
114	946	9	105	OK
115	955	7	105	OK
116	963	9	105	OK
117	971	7	105	OK
118	979	4	105	OK
119	988	7	105	OK
120	996	7	105	OK
121	1004	7	105	OK
122	1013	7	105	OK
123	1021	7	105	OK
124	1029	4	105	OK
125	1038	4	105	OK
126	1046	4	105	OK
127	1054	4	105	OK
128	1062	7	105	OK
129	1071	2	105	OK
130	1079	7	105	OK
131	1087	3	105	OK
132	1096	4	105	OK
133	1104	4	105	OK
134	1112	4	105	OK
135	1120	4	105	OK
136	1129	4	105	OK
137	1137	7	105	OK
138	1145	4	105	OK
139	1154	3	105	OK
140	1162	4	105	OK

## Standard EUMOS 40509 - TEST REPORT



	Customer Bio Bric's		Date 24-11-2023		
	Project 2 vaten NOFMetalcoti	Reference 2 Vaten NOFmetalcoti	Revision 01		



## List of Results

Frame	Time (mseconds)	Def (mm)	Def limit	Ok/Not OK
141	1170	7	105	OK
142	1179	4	105	OK
143	1187	4	105	OK
144	1195	5	105	OK
145	1204	5	105	OK
146	1212	6	105	OK
147	1220	6	105	OK
148	1228	6	105	OK
149	1237	6	105	OK
150	1245	7	105	OK
151	1253	7	105	OK
152	1262	7	105	OK
153	1270	7	105	OK
154	1278	9	105	OK
155	1286	7	105	OK
156	1295	7	105	OK
158	1311	9	105	OK
159	1320	9	105	OK
160	1328	9	105	OK
161	1336	9	105	OK
162	1345	7	105	OK
163	1353	9	105	OK
164	1361	8	105	OK
165	1370	10	105	OK
166	1378	8	105	OK
167	1386	9	105	OK
168	1394	7	105	OK
169	1403	9	105	OK
170	1411	9	105	OK
171	1419	9	105	OK
172	1428	9	105	OK
173	1436	9	105	OK
174	1444	9	105	OK
175	1453	7	105	OK
176	1461	7	105	OK
177	1469	9	105	OK
178	1477	9	105	OK
179	1486	7	105	OK
180	1494	7	105	OK
181	1502	7	105	OK
182	1511	9	105	OK
183	1519	7	105	OK
184	1527	7	105	OK
185	1536	7	105	OK

Standard EUMOS 40509 - TEST REPORT



	Customer Bio Bric's		Date 24-11-2023		
	Project 2 vaten NOFMetalcoti	Reference 2 Vaten NOFmetalcoti	Revision 01		



List of Results

Frame	Time (mseconds)	Def (mm)	Def limit	Ok/Not OK
186	1544	7	105	OK
187	1552	7	105	OK
189	1569	7	105	OK
190	1577	7	105	OK
191	1585	4	105	OK
192	1594	7	105	OK
193	1602	4	105	OK
194	1610	4	105	OK
195	1619	4	105	OK
196	1627	4	105	OK
197	1635	4	105	OK
198	1643	4	105	OK
199	1652	2	105	OK
201	1668	4	105	OK
202	1677	2	105	OK
203	1685	2	105	OK
204	1693	2	105	OK
205	1702	2	105	OK
206	1710	2	105	OK
207	1718	0	105	OK
208	1726	2	105	OK
209	1735	2	105	OK
210	1743	0	105	OK
211	1751	2	105	OK
212	1760	2	105	OK
213	1768	0	105	OK
214	1776	2	105	OK
215	1785	0	105	OK
216	1793	2	105	OK
217	1801	0	105	OK
218	1809	0	105	OK
219	1818	0	105	OK
220	1826	0	105	OK
221	1834	0	105	OK
222	1843	0	105	OK
223	1851	0	105	OK
224	1859	0	105	OK
225	1868	0	105	OK
226	1876	0	105	OK
227	1884	0	105	OK
228	1892	0	105	OK
229	1901	0	105	OK
230	1909	0	105	OK
231	1917	0	105	OK

## Standard EUMOS 40509 - TEST REPORT



	Customer Bio Bric's		Date 24-11-2023		
	Project 2 vaten NOFMetalcoti	Reference 2 Vaten NOFmetalcoti	Revision 01		



## List of Results

Frame	Time (mseconds)	Def (mm)	Def limit	Ok/Not OK
233	1934	0	105	OK
234	1942	0	105	OK
235	1951	0	105	OK
236	1959	0	105	OK
237	1967	0	105	OK
238	1975	0	105	OK
239	1984	0	105	OK
240	1992	0	105	OK
241	2000	0	105	OK
242	2009	0	105	OK
244	2025	0	105	OK
245	2034	0	105	OK
246	2042	0	105	OK
247	2050	0	105	OK
248	2058	0	105	OK
249	2067	0	105	OK
251	2083	0	105	OK
252	2092	0	105	OK
253	2100	0	105	OK
254	2108	0	105	OK
256	2125	0	105	OK
257	2133	0	105	OK
259	2150	0	105	OK
260	2158	0	105	OK
261	2166	0	105	OK
262	2175	0	105	OK
263	2183	0	105	OK
264	2191	0	105	OK
265	2200	0	105	OK
266	2208	0	105	OK
267	2216	0	105	OK
268	2224	0	105	OK
269	2233	0	105	OK
270	2241	0	105	OK
271	2249	0	105	OK
272	2258	0	105	OK
273	2266	0	105	OK
274	2274	0	105	OK
275	2282	0	105	OK
276	2291	0	105	OK
277	2299	0	105	OK
278	2307	0	105	OK
279	2316	0	105	OK
280	2324	0	105	OK

## Standard EUMOS 40509 – TEST REPORT



	Customer Bio Bric's		Date 24-11-2023		
	Project 2 vaten NOFMetalcoti	Reference 2 Vaten NOFmetalcoti	Revision 01		



## List of Results

Frame	Time (mseconds)	Def (mm)	Def limit	Ok/Not OK
281	2332	0	105	OK
282	2341	0	105	OK
283	2349	0	105	OK
284	2357	0	105	OK
285	2366	0	105	OK
286	2374	0	105	OK
287	2382	0	105	OK
288	2390	0	105	OK
289	2399	0	105	OK
290	2407	0	105	OK
291	2415	0	105	OK
292	2424	0	105	OK
293	2432	0	105	OK
294	2440	0	105	OK
295	2448	0	105	OK
296	2457	0	105	OK
297	2465	0	105	OK
298	2473	0	105	OK
299	2482	0	105	OK
300	2490	0	105	OK
301	2498	0	105	OK
302	2507	0	105	OK
303	2515	0	105	OK
304	2523	0	105	OK
305	2532	0	105	OK
306	2540	0	105	OK
307	2548	0	105	OK
308	2556	0	105	OK
309	2565	0	105	OK
310	2573	0	105	OK
311	2581	0	105	OK
312	2590	0	105	OK
313	2598	0	105	OK
314	2606	0	105	OK
315	2614	0	105	OK
316	2623	0	105	OK
317	2631	0	105	OK
318	2639	0	105	OK
319	2648	0	105	OK
320	2656	0	105	OK
321	2664	0	105	OK
322	2673	0	105	OK
323	2681	0	105	OK
324	2689	0	105	OK

## Standard EUMOS 40509 - TEST REPORT



	Customer Bio Bric's		Date 24-11-2023		
	Project 2 vaten NOFMetalcoti	Reference 2 Vaten NOFmetalcoti	Revision 01		



## List of Results

Frame	Time (mseconds)	Def (mm)	Def limit	Ok/Not OK
325	2698	0	105	OK
326	2706	0	105	OK
327	2714	0	105	OK
328	2722	0	105	OK
329	2731	0	105	OK
330	2739	0	105	OK
331	2747	0	105	OK
332	2756	0	105	OK
333	2764	0	105	OK
334	2772	0	105	OK
335	2781	0	105	OK
336	2789	0	105	OK
337	2797	0	105	OK
338	2805	0	105	OK
339	2814	0	105	OK
340	2822	0	105	OK
341	2830	0	105	OK
342	2839	0	105	OK
343	2847	0	105	OK
344	2855	0	105	OK
345	2864	0	105	OK
347	2880	0	105	OK
348	2888	0	105	OK
349	2897	0	105	OK
350	2905	0	105	OK
351	2913	0	105	OK
352	2922	0	105	OK
353	2930	0	105	OK
354	2938	0	105	OK
355	2947	0	105	OK
356	2955	0	105	OK
357	2963	0	105	OK
358	2971	0	105	OK
359	2980	0	105	OK
360	2988	0	105	OK
361	2996	0	105	OK
362	3005	0	105	OK
363	3013	0	105	OK
364	3021	0	105	OK
365	3030	0	105	OK
366	3038	0	105	OK
367	3046	0	105	OK
368	3054	0	105	OK
369	3063	0	105	OK

## Standard EUMOS 40509 - TEST REPORT



	Customer Bio Bric's		Date 24-11-2023		
	Project 2 vaten NOFMetalcoti	Reference 2 Vaten NOFmetalcoti	Revision 01		



## List of Results

Frame	Time (mseconds)	Def (mm)	Def limit	Ok/Not OK
370	3071	0	105	OK
371	3079	0	105	OK
372	3088	0	105	OK
373	3096	0	105	OK
374	3104	0	105	OK
375	3113	0	105	OK
376	3121	0	105	OK
377	3129	0	105	OK
378	3137	0	105	OK
379	3146	0	105	OK
380	3154	0	105	OK
381	3162	0	105	OK
382	3171	0	105	OK
383	3179	0	105	OK
384	3187	0	105	OK
385	3196	0	105	OK
386	3204	0	105	OK
387	3212	0	105	OK
388	3220	0	105	OK
389	3229	0	105	OK
390	3237	0	105	OK
391	3245	0	105	OK
392	3254	0	105	OK
393	3262	0	105	OK
394	3270	0	105	OK
395	3279	0	105	OK
396	3287	0	105	OK
397	3295	0	105	OK
398	3303	0	105	OK
399	3312	0	105	OK
400	3320	0	105	OK
401	3328	0	105	OK
402	3337	0	105	OK
403	3345	0	105	OK
404	3353	0	105	OK
405	3362	0	105	OK
406	3370	0	105	OK
407	3378	0	105	OK
408	3386	0	105	OK
409	3395	0	105	OK
410	3403	0	105	OK
411	3411	0	105	OK
412	3420	0	105	OK
413	3428	0	105	OK

## Standard EUMOS 40509 - TEST REPORT



	Customer Bio Bric's		Date 24-11-2023		
	Project 2 vaten NOFMetalcoti	Reference 2 Vaten NOFmetalcoti	Revision 01		



## List of Results

Frame	Time (mseconds)	Def (mm)	Def limit	Ok/Not OK
414	3436	0	105	OK
415	3445	0	105	OK
416	3453	0	105	OK
417	3461	0	105	OK
418	3469	0	105	OK
419	3478	0	105	OK
420	3486	0	105	OK
421	3494	0	105	OK
422	3503	0	105	OK
423	3511	0	105	OK
424	3519	0	105	OK
425	3528	0	105	OK
426	3536	0	105	OK
427	3544	0	105	OK
428	3552	0	105	OK
429	3561	0	105	OK
430	3569	0	105	OK
431	3577	0	105	OK
432	3586	0	105	OK
433	3594	0	105	OK
434	3602	0	105	OK
435	3611	0	105	OK
436	3619	0	105	OK
437	3627	0	105	OK
438	3635	0	105	OK
439	3644	0	105	OK
440	3652	0	105	OK
441	3660	0	105	OK
442	3669	0	105	OK
443	3677	0	105	OK
444	3685	0	105	OK
445	3694	0	105	OK
446	3702	0	105	OK
447	3710	0	105	OK
448	3718	0	105	OK
449	3727	0	105	OK
450	3735	0	105	OK
451	3743	0	105	OK
452	3752	0	105	OK
453	3760	0	105	OK
454	3768	0	105	OK
455	3777	0	105	OK
456	3785	0	105	OK
458	3801	0	105	OK

Standard EUMOS 40509 - TEST REPORT

	Customer Bio Bric's		Date 24-11-2023		
	Project 2 vaten NOFMetalcoti	Reference 2 Vaten NOFmetalcoti	Revision 01		



List of Results

Frame	Time (mseconds)	Def (mm)	Def limit	Ok/Not OK
459	3810	0	105	OK
460	3818	0	105	OK
461	3826	0	105	OK
462	3835	0	105	OK
463	3843	0	105	OK
464	3851	0	105	OK
465	3860	0	105	OK
467	3876	0	105	OK
468	3884	0	105	OK
469	3893	0	105	OK
470	3901	0	105	OK
471	3909	0	105	OK
472	3918	0	105	OK
473	3926	0	105	OK
474	3934	0	105	OK
475	3943	0	105	OK
476	3951	0	105	OK
477	3959	0	105	OK
478	3967	0	105	OK
479	3976	0	105	OK