

# DIN EN 17409:2020-08 (E)

## Surfaces for sports areas - Code of practice for the sampling of performance infills used within synthetic turf surfaces

---

<b>Contents</b>		<b>Page</b>
European foreword .....		4
1	Scope .....	5
2	Normative references .....	5
3	Terms and definitions .....	5
4	General .....	6
5	Method 1 -- sampling during production .....	6
5.1	Sampling plan .....	6
5.2	Lot size .....	6
5.3	Sampling point and apparatus .....	7
5.4	Size of sample increment .....	7
5.5	Number of increments .....	7
6	Method 2 -- sampling from big bags .....	7
6.1	Principle .....	7
6.2	Apparatus .....	7
6.3	Procedure .....	8
7	Method 3 -- sampling from small bags .....	10
7.1	Principle .....	10
7.2	Apparatus .....	10
7.3	Sampling .....	10
8	Method 4 -- sampling from synthetic turf surfaces .....	11
8.1	Principle .....	11
8.2	Equipment .....	11
8.3	Procedure .....	12
9	Test sample and test portion preparation .....	13
9.1	Apparatus .....	13
9.2	Procedure .....	13
Annex A (informative) Procedure for preparation of samples for chemical analysis .....		15
A.1	General .....	15
A.2	Test portion for elution .....	15
A.3	Test portion for chemical testing .....	15
Annex B (informative) Procedure for separating mixed infills .....		17
B.1	General .....	17
B.2	Equipment .....	17
B.3	Cleaning -- separation procedure .....	17
B.3.1	Preparation of water solution .....	17
B.3.2	Separation of infill and non-infill materials .....	17
B.3.3	Cleaning and drying .....	17

<b>Annex C (informative) Sampling to determine if local ground and site conditions may have influenced results obtained on infill taken from synthetic turf surfaces .....</b>	<b>20</b>
<b>C.1 General .....</b>	<b>20</b>
<b>C.2 Sampling of the ground/soil around a field .....</b>	<b>20</b>
<b>C.3 Atmospheric pollutants .....</b>	<b>21</b>
<b>Bibliography .....</b>	<b>22</b>